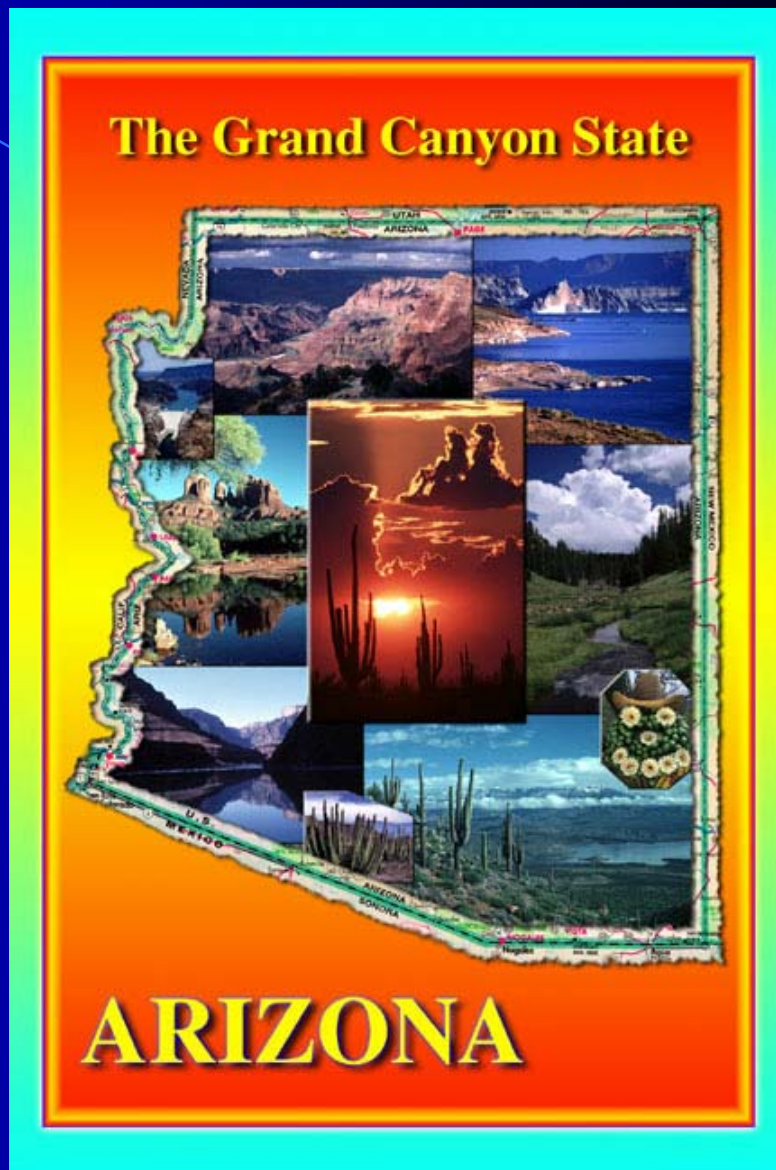




1950
to
2001







Arizona Highway Department

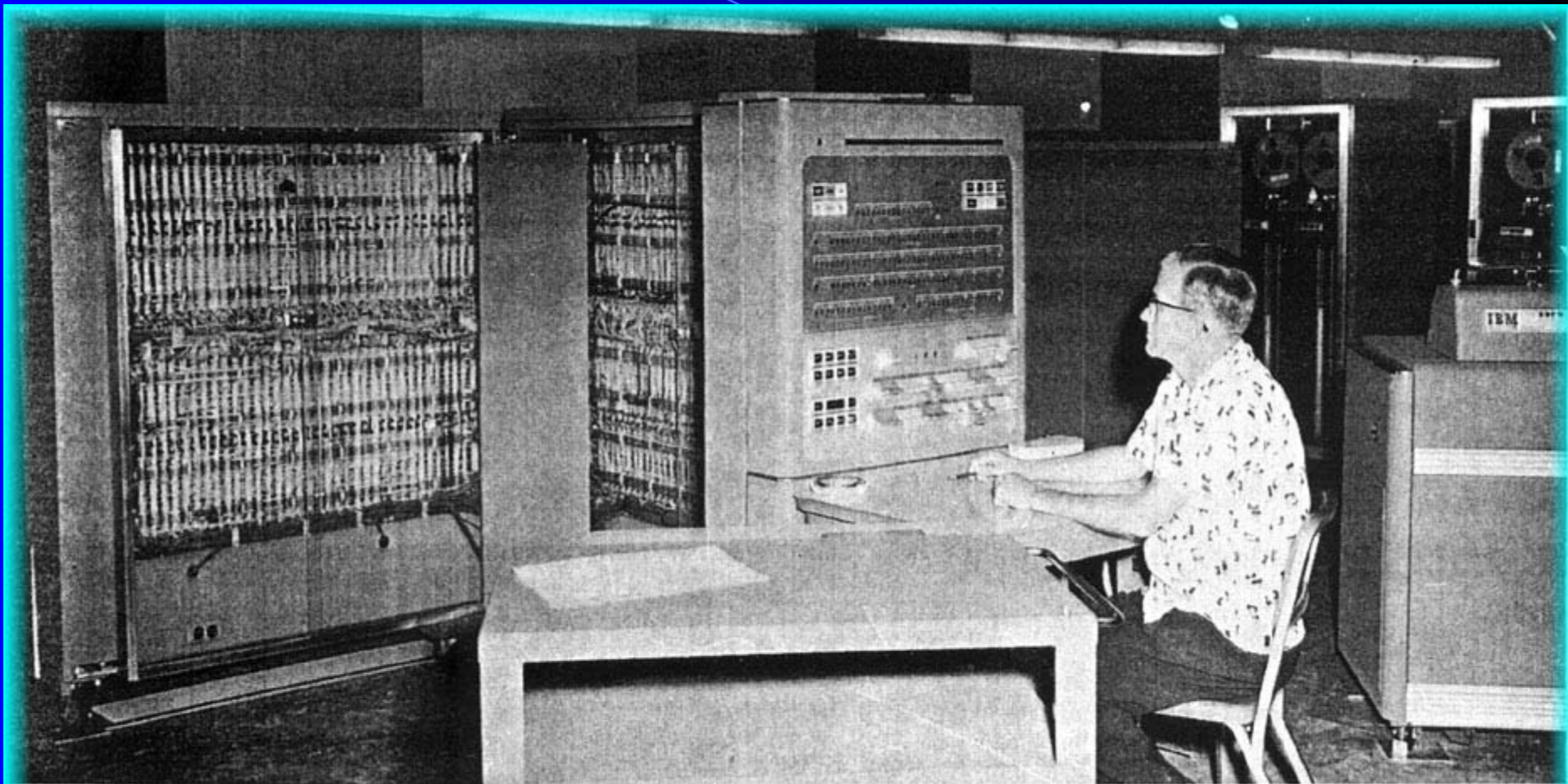
1950's









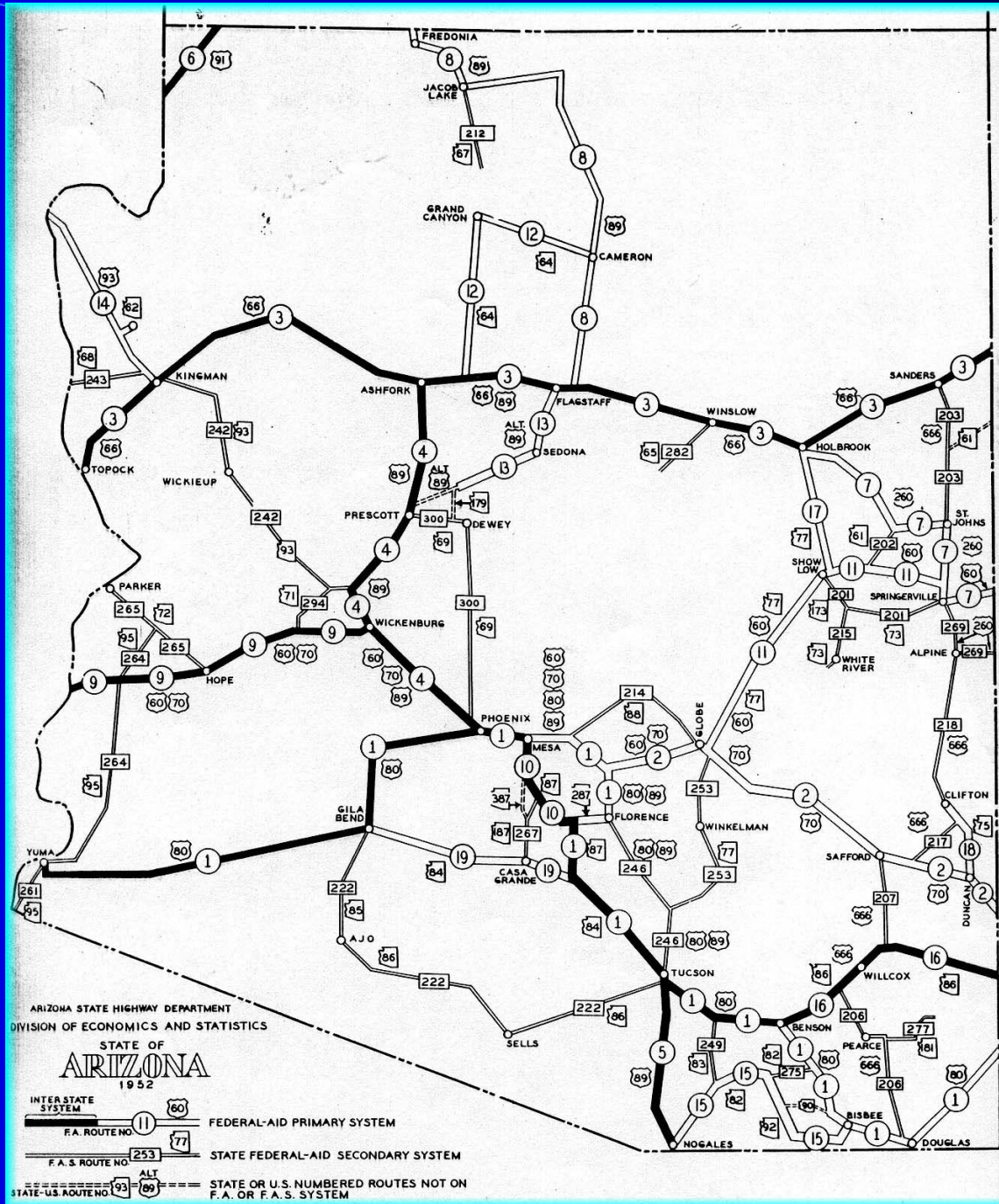


IBM 704 - Electronic Computer central panel used for tabulating the Survey data.

Arizona Highway Department

1950

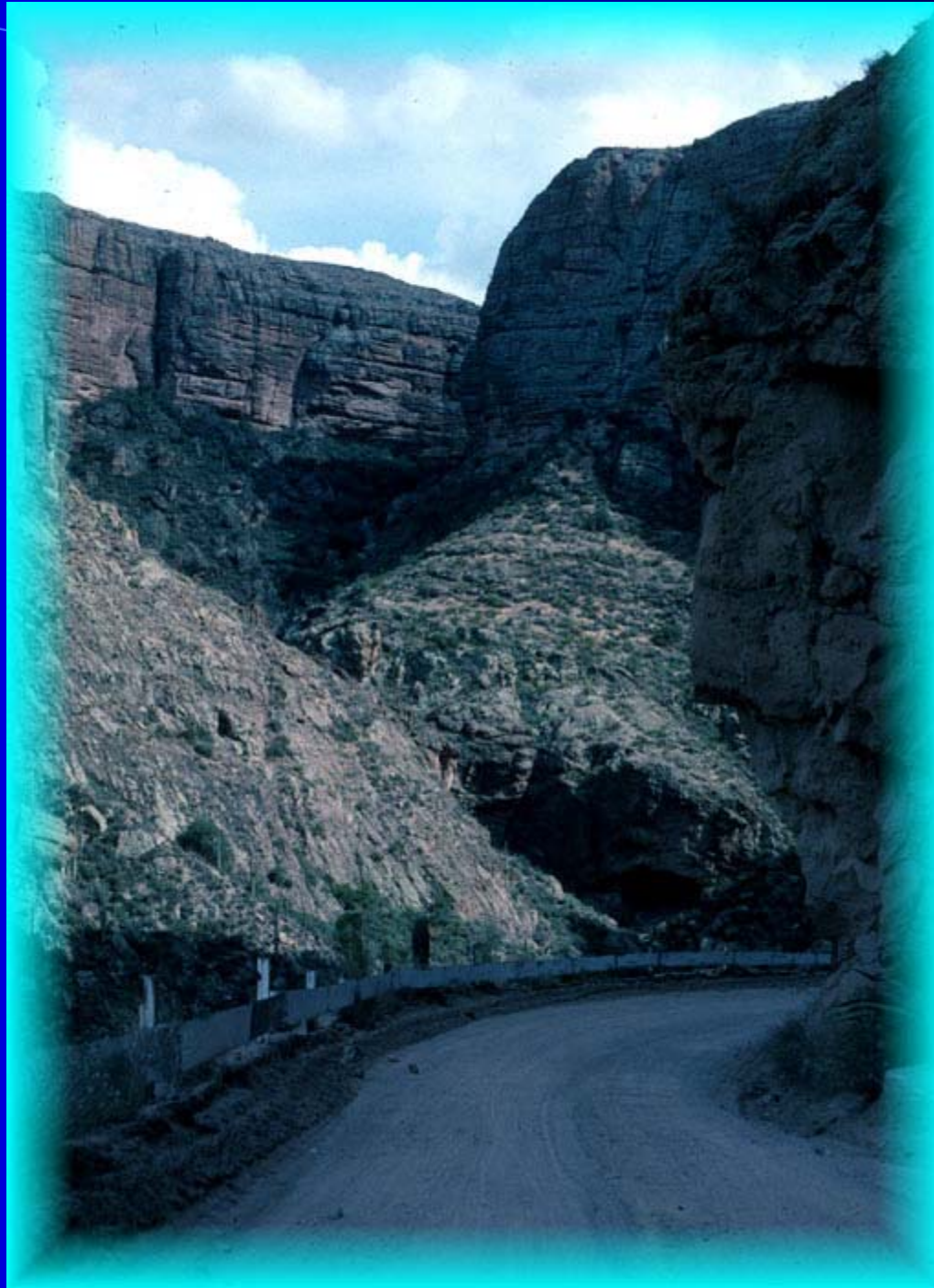
State Highway System

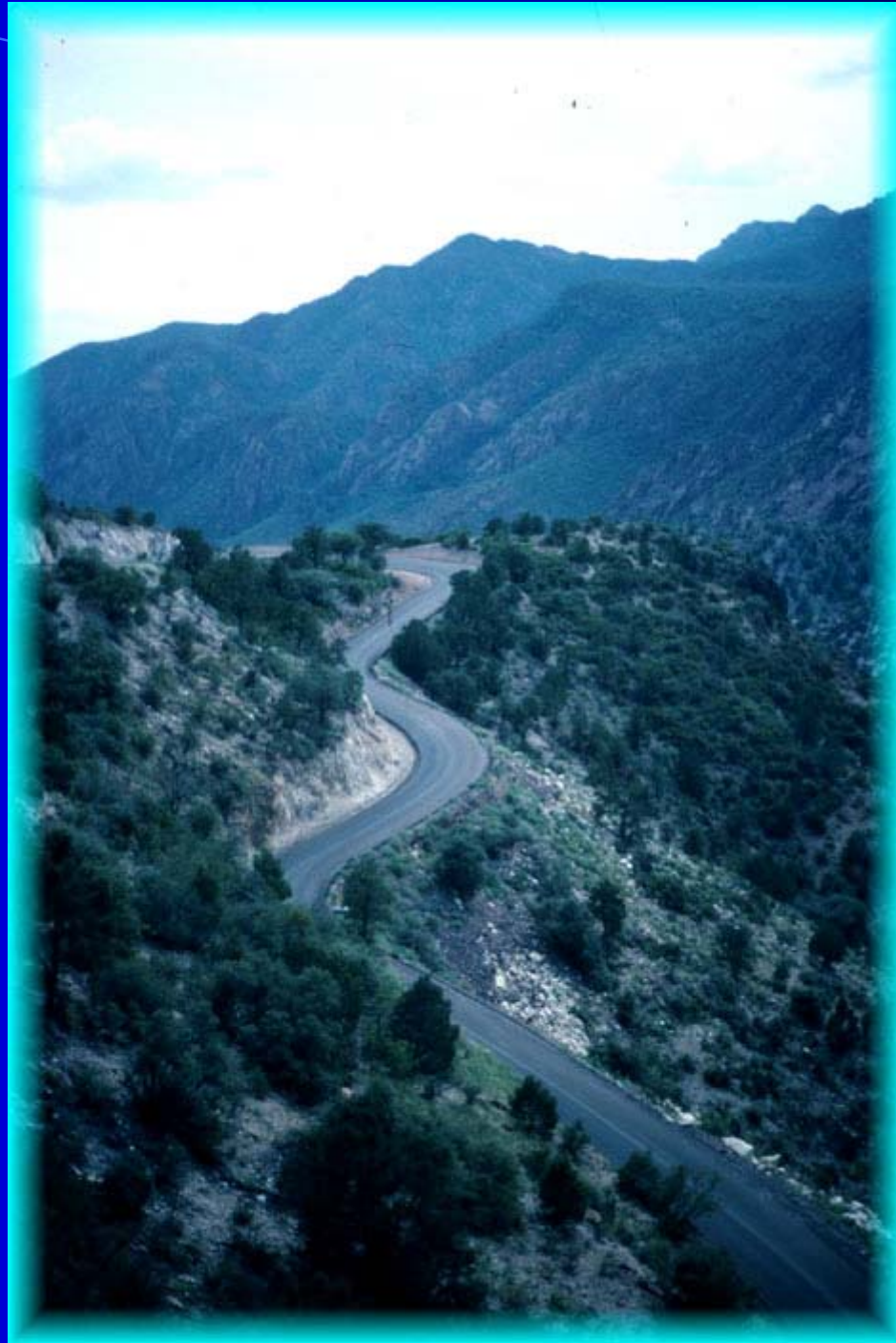


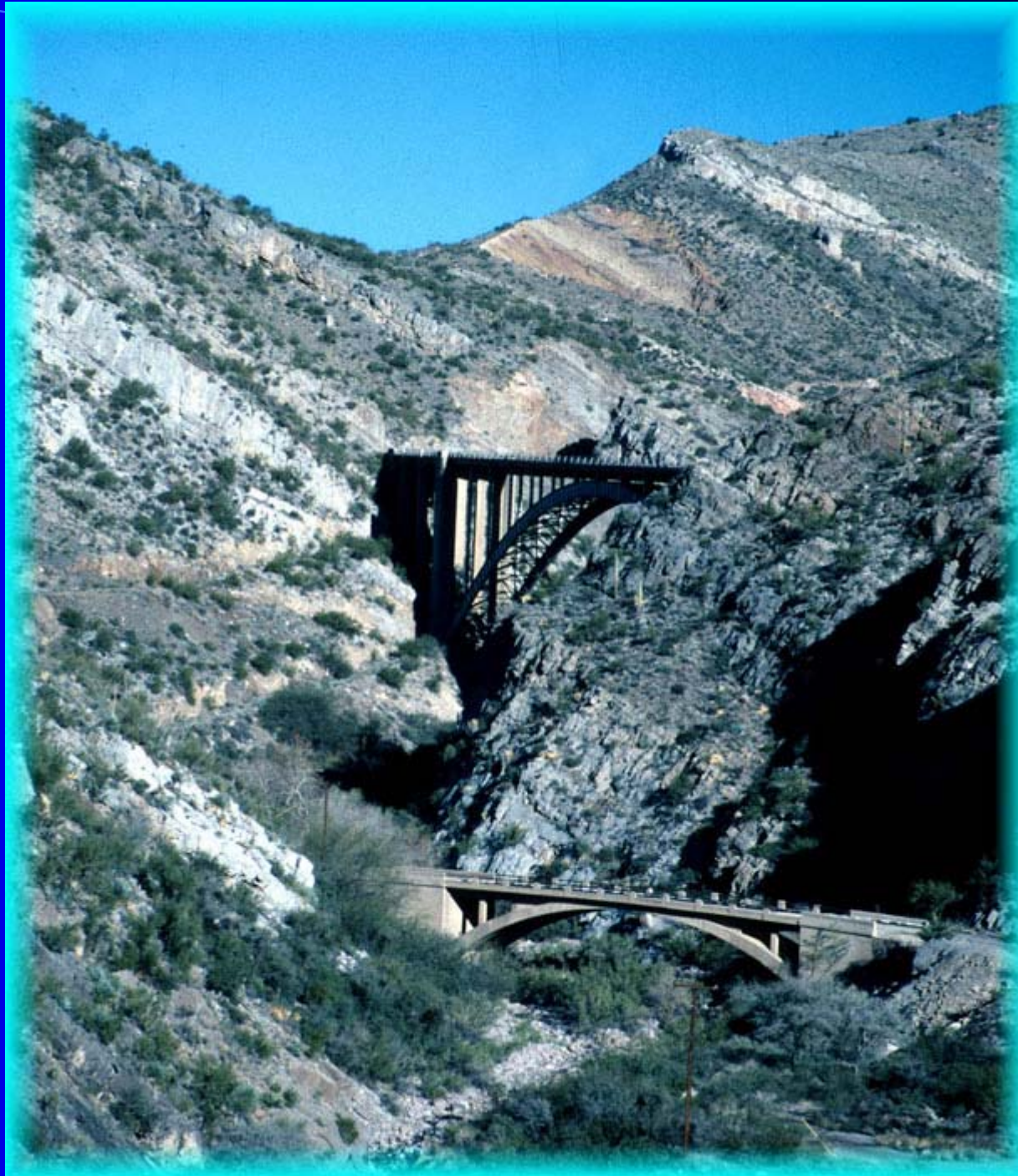












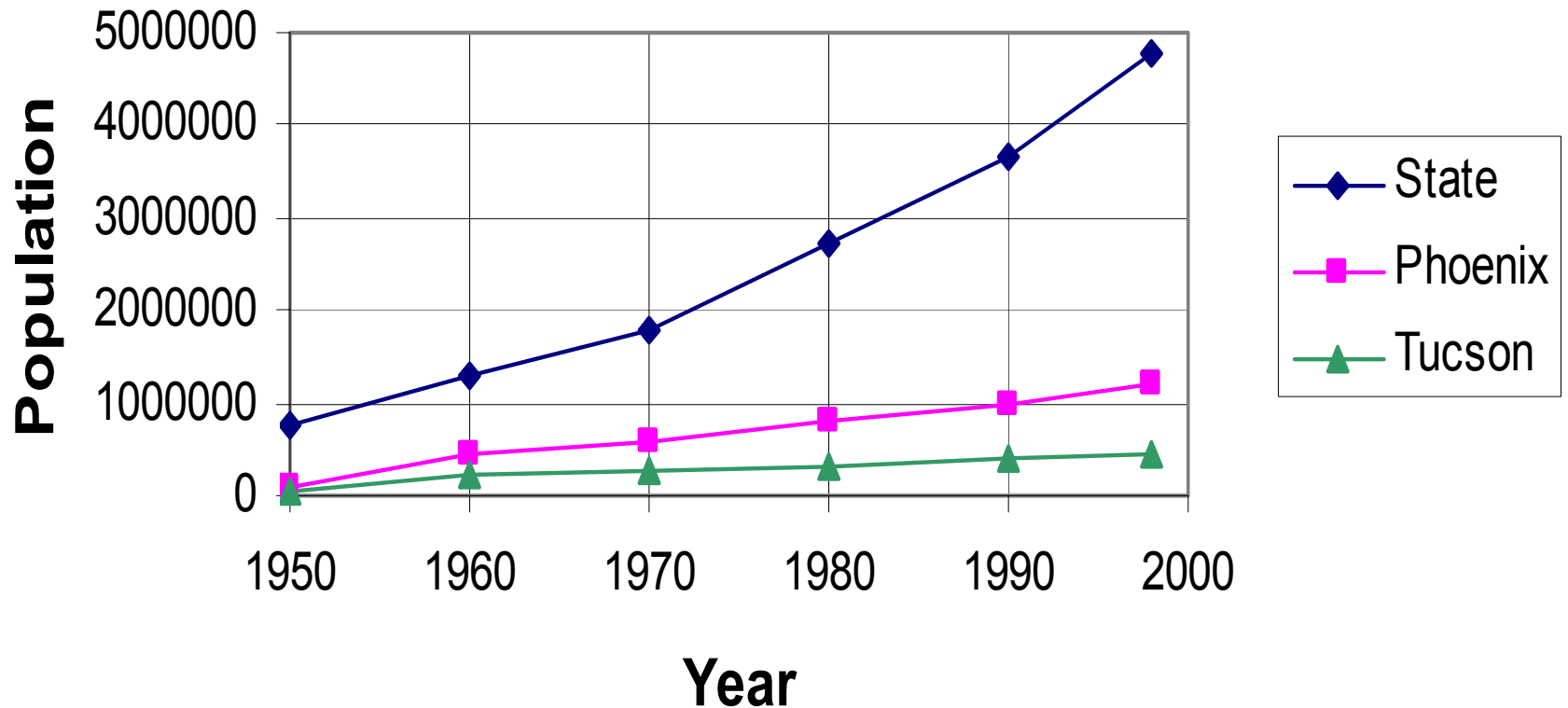
Factors affecting Growth of the State Highway System since 1950

- Population Growth
- Traffic Data
- Revenue & Funding

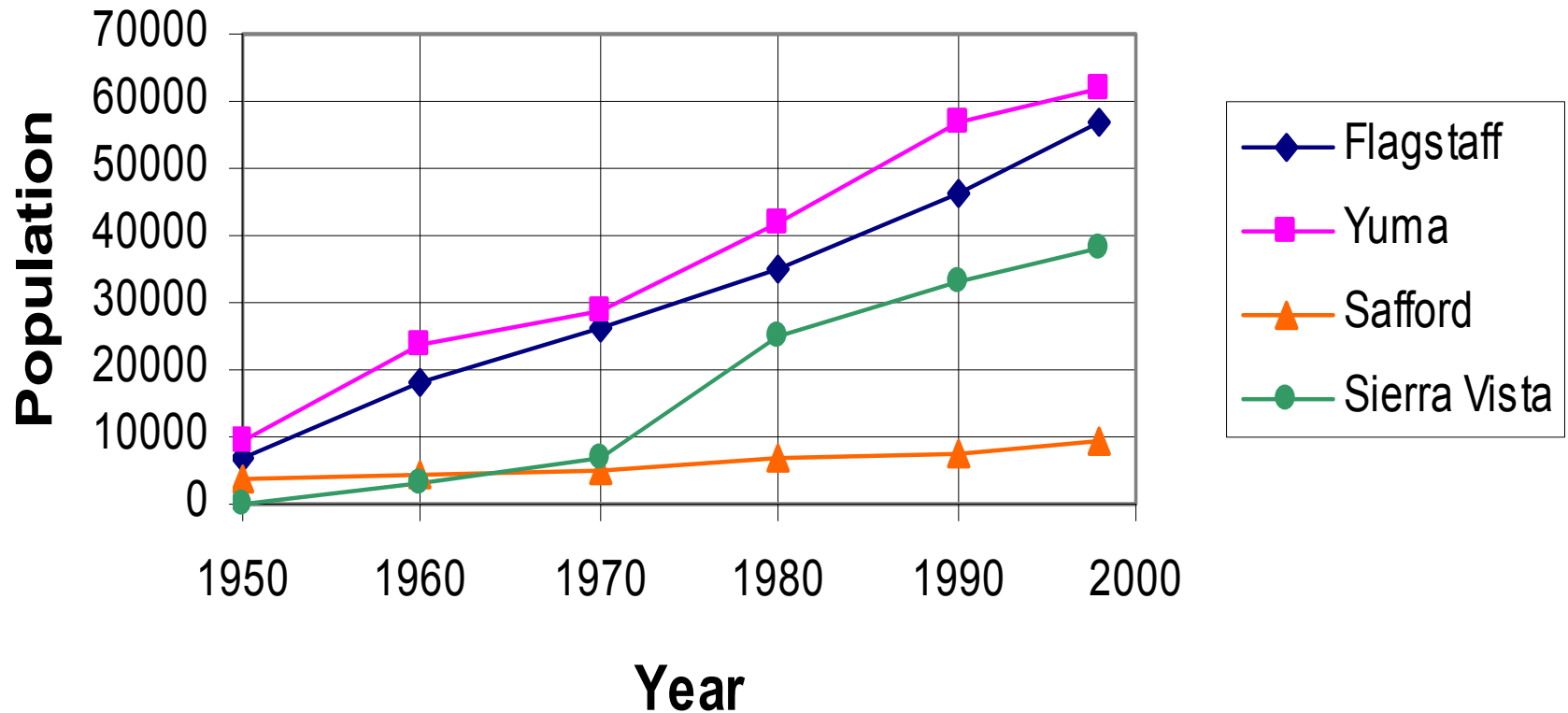
The background is a solid blue color. A thin white arc starts from the top left and curves towards the top right. A blue wedge shape is located on the right side, pointing towards the center of the image.

Population

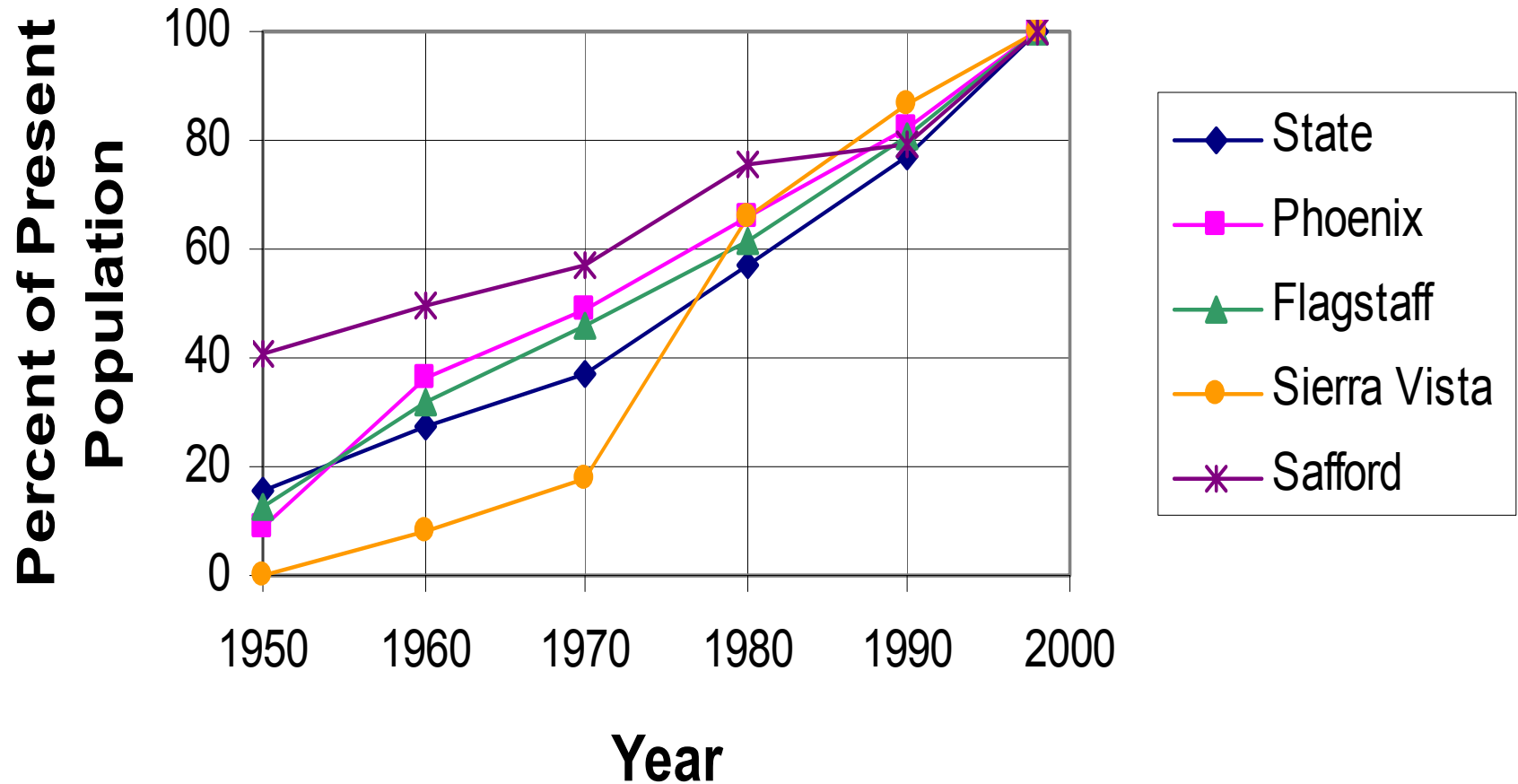
Population Growth Since 1950 for State, Phoenix and Tucson



Population Growth Since 1950 for Selected Communities

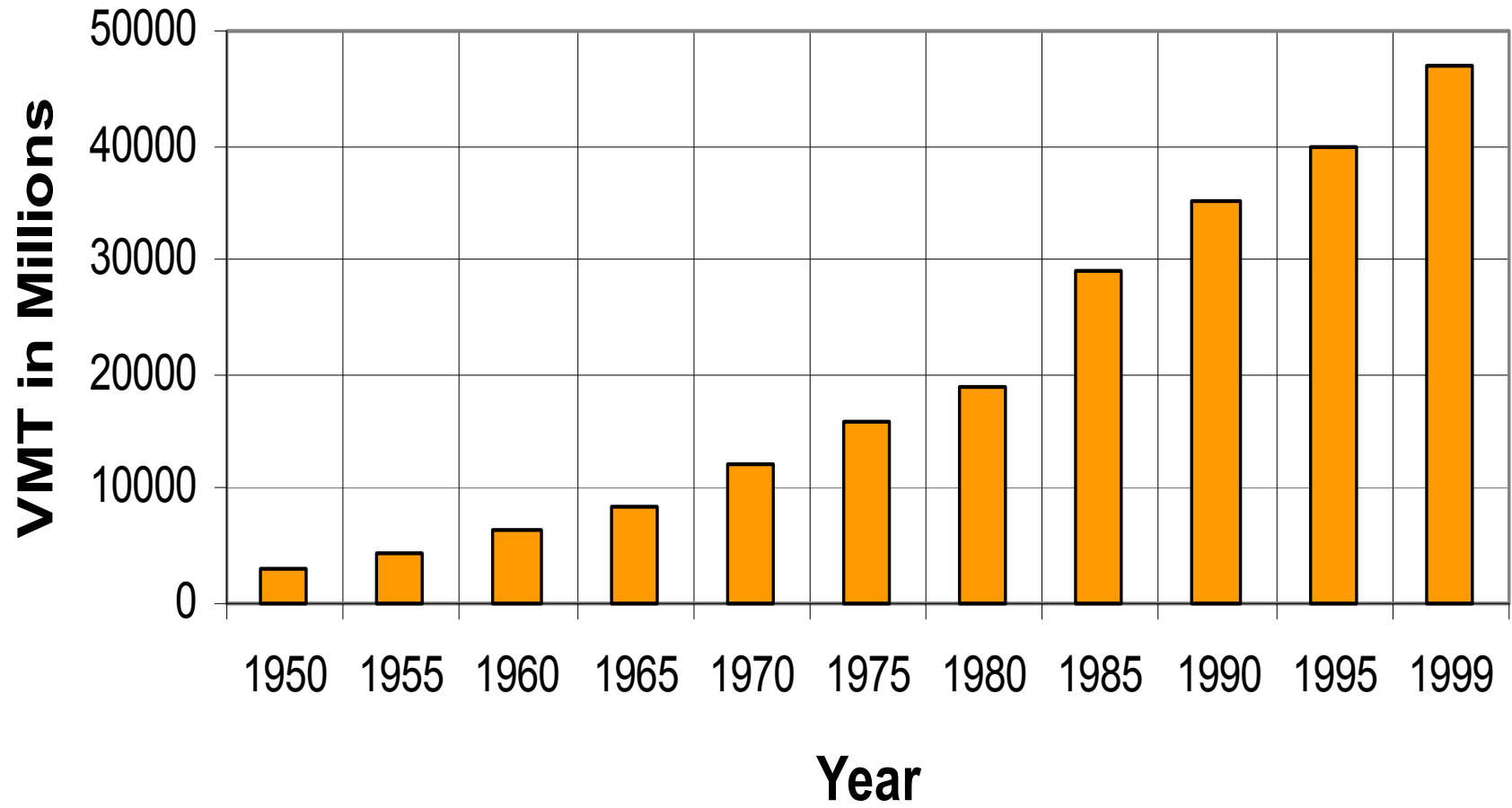


Population as a Percent of Present

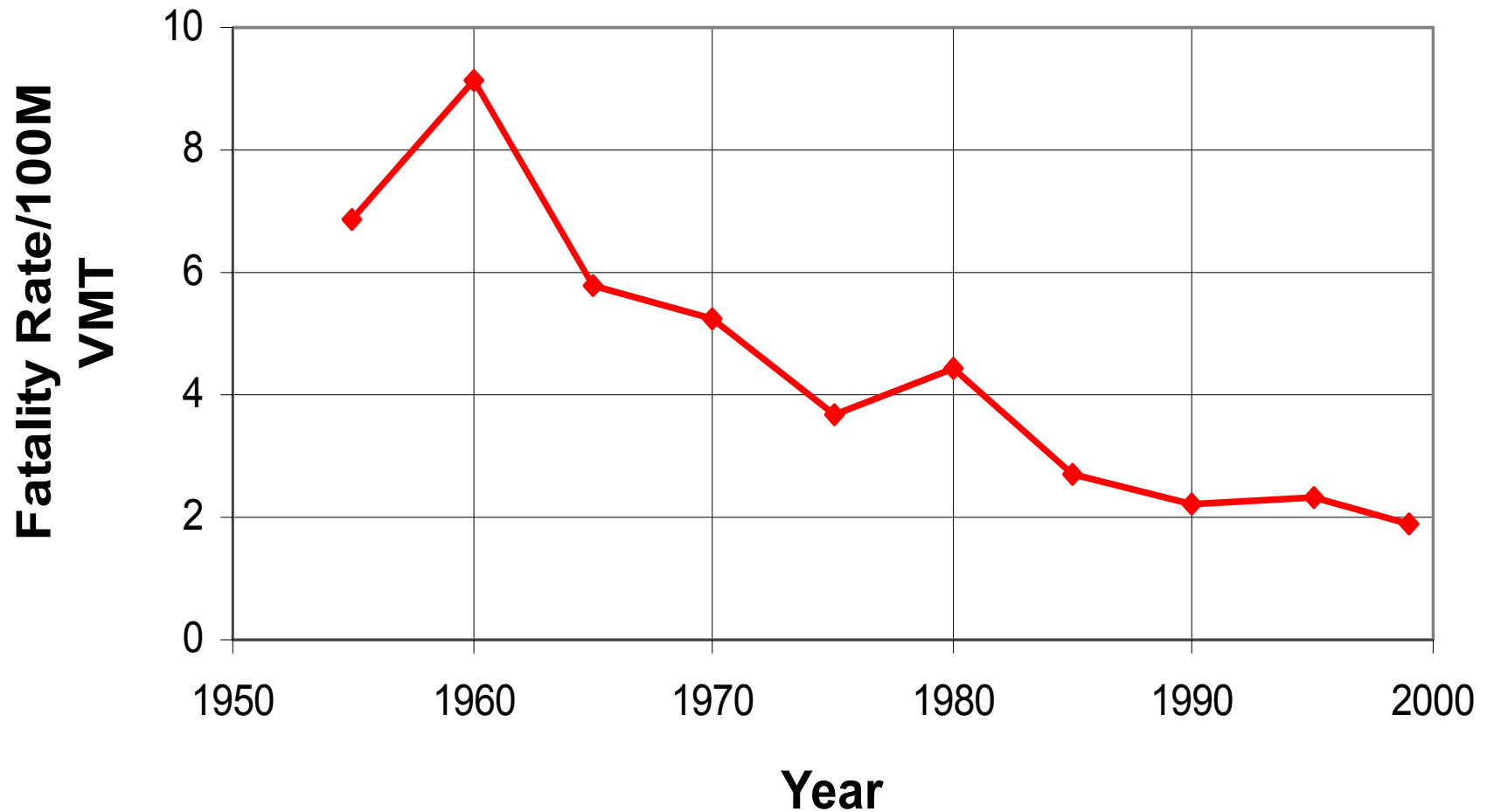


Traffic Data

Growth in Vehicle Miles of Travel



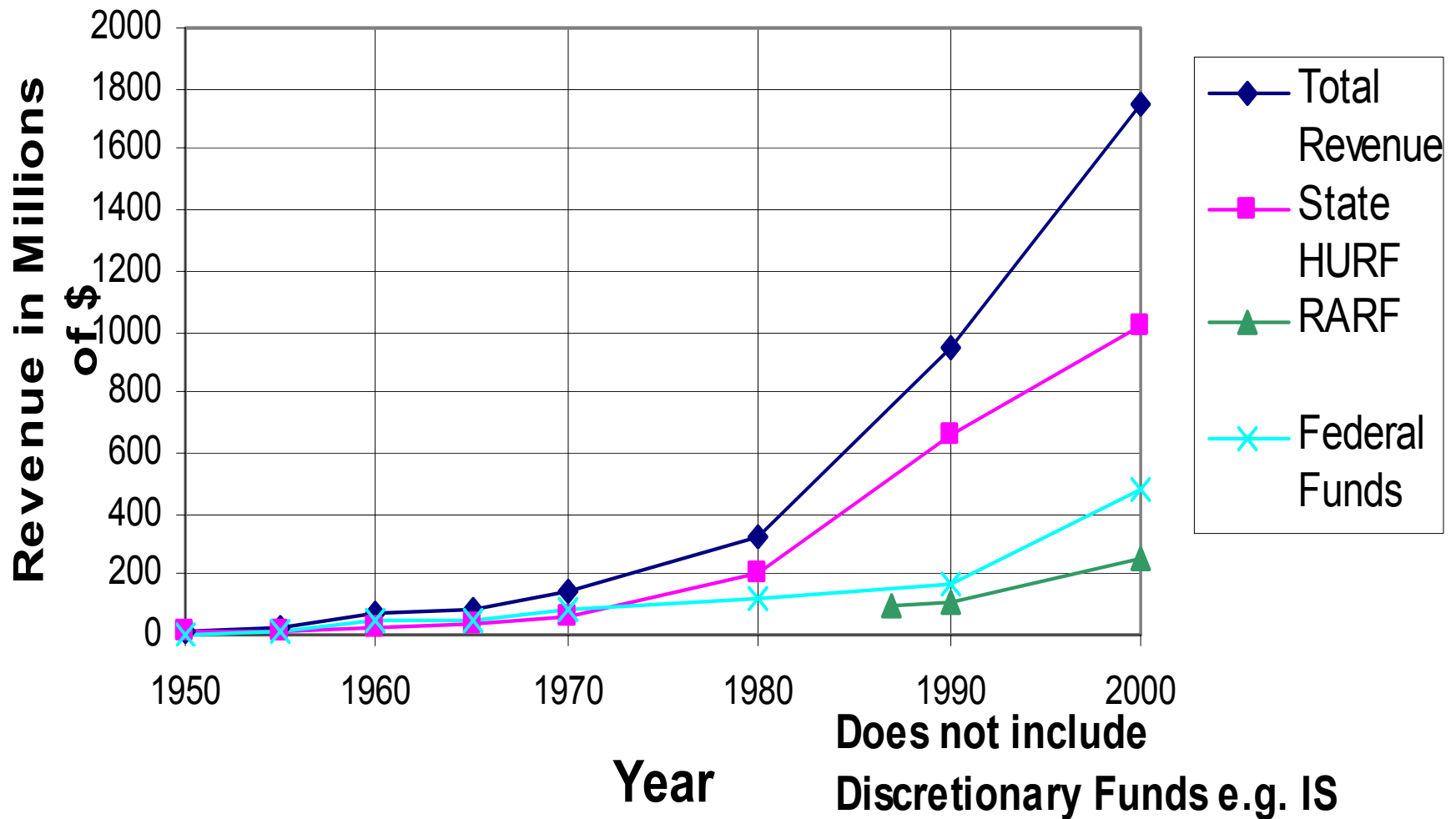
Fatal Accident Rate on Arizona Roads Since 1955



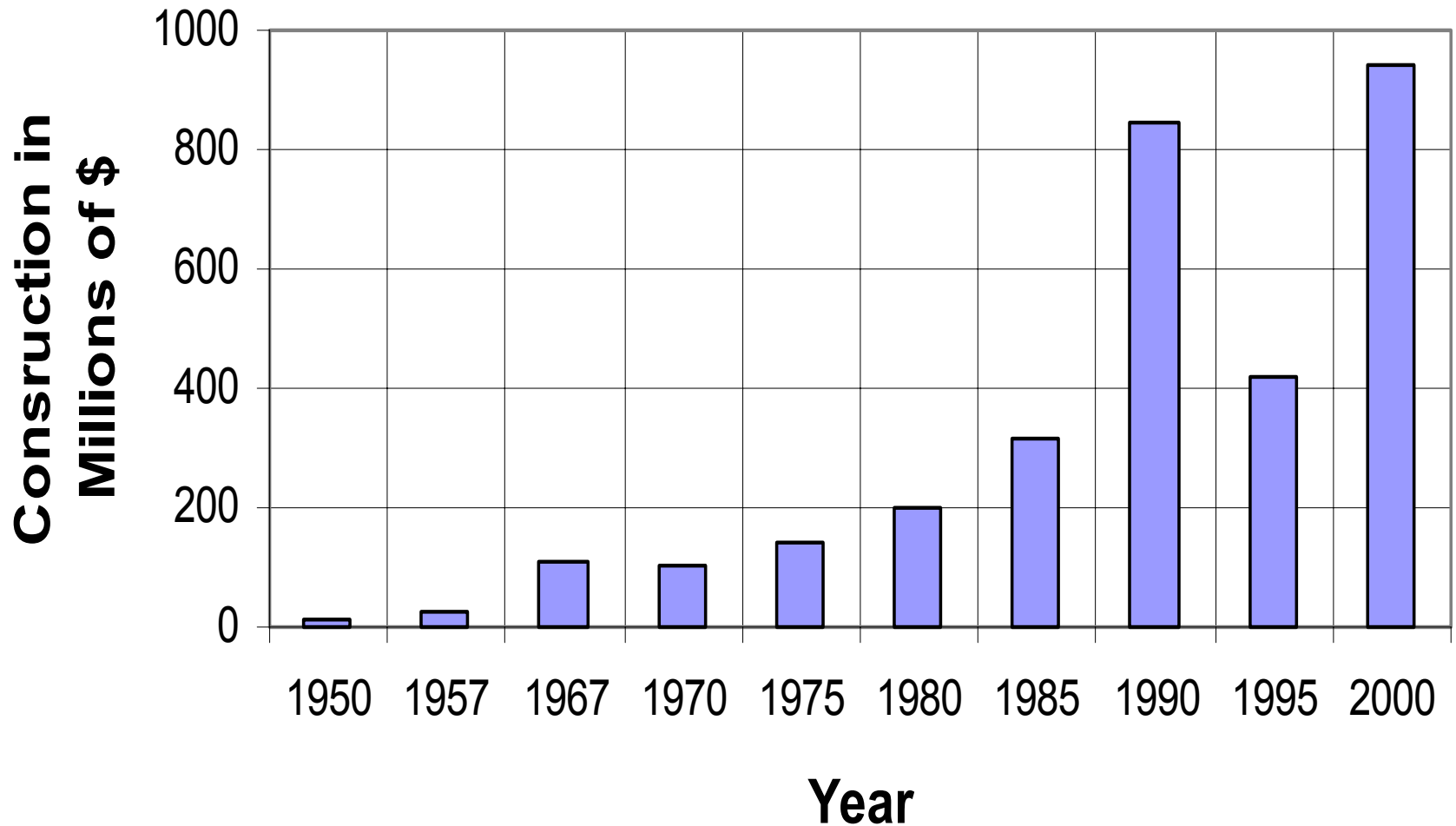
Revenue & Funding

The image features the text "Revenue & Funding" in a large, 3D, metallic font. The letters are silver with a blue gradient on the right side. A blue arc starts from the top left and curves towards the right, ending in a blue arrow pointing towards the text. The background is a solid blue color.

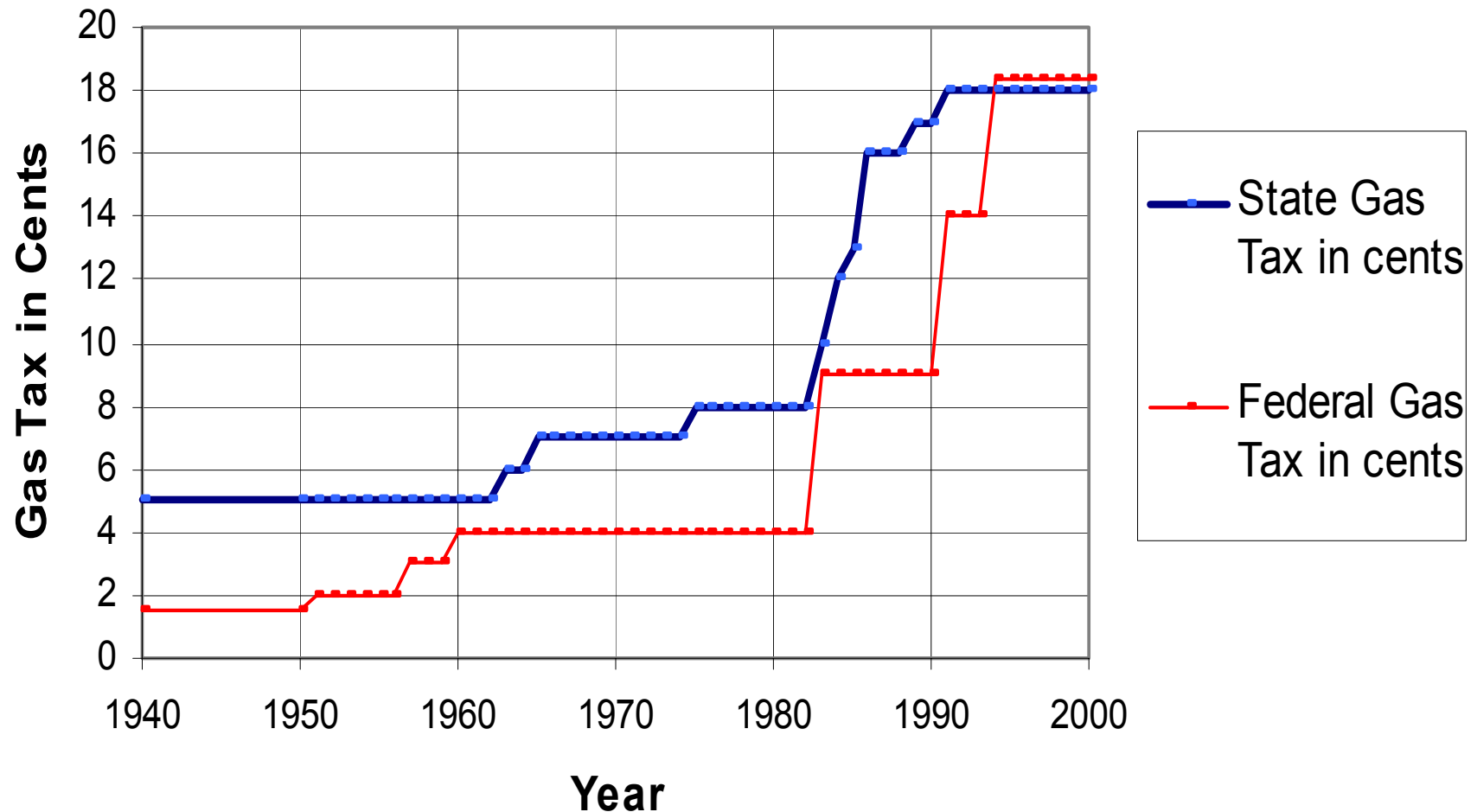
Dedicated Federal, State and Regional Highway Revenues Since 1950



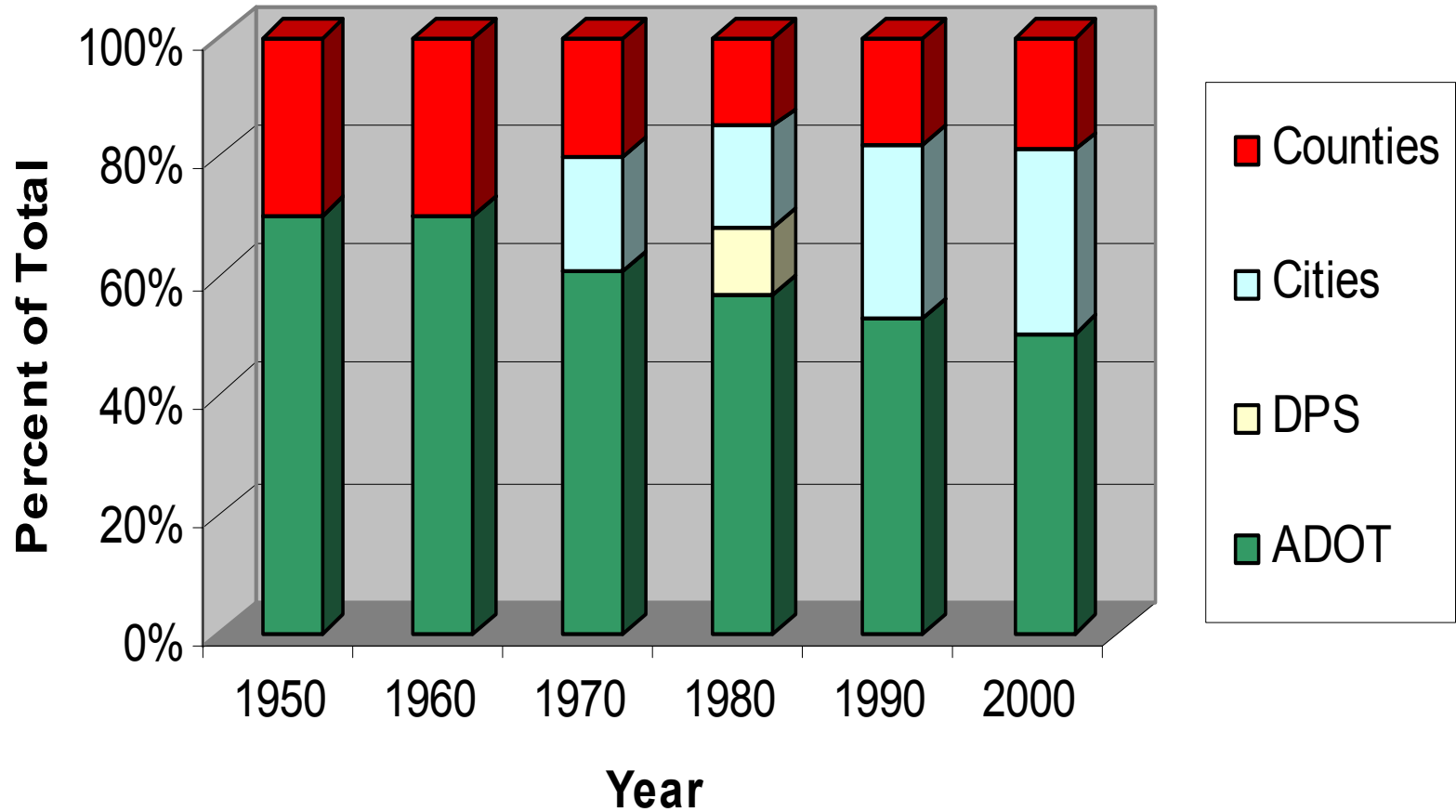
State Highway Construction \$



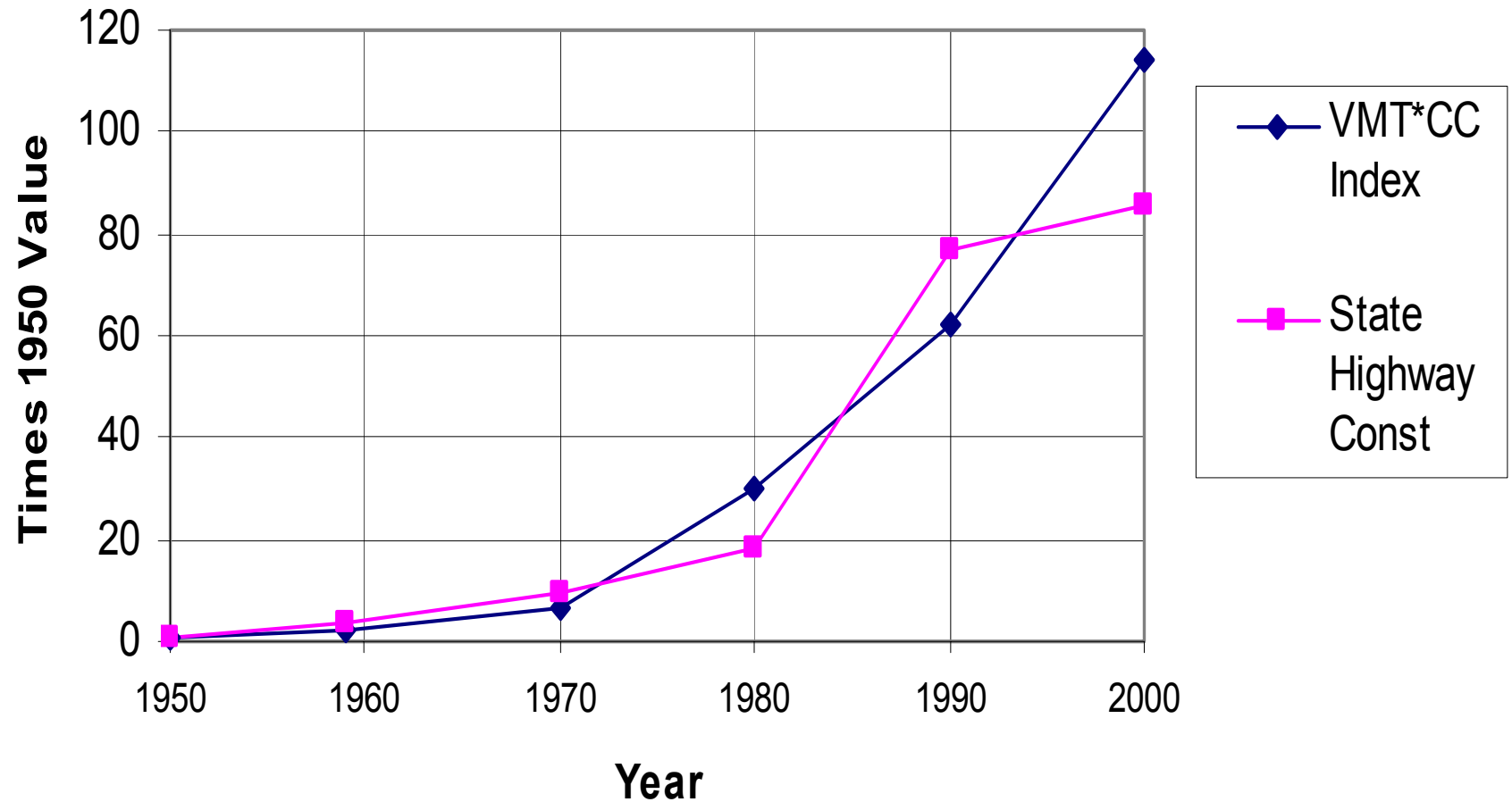
History of State and Federal Gas Taxes



Distribution of State HURF Funds

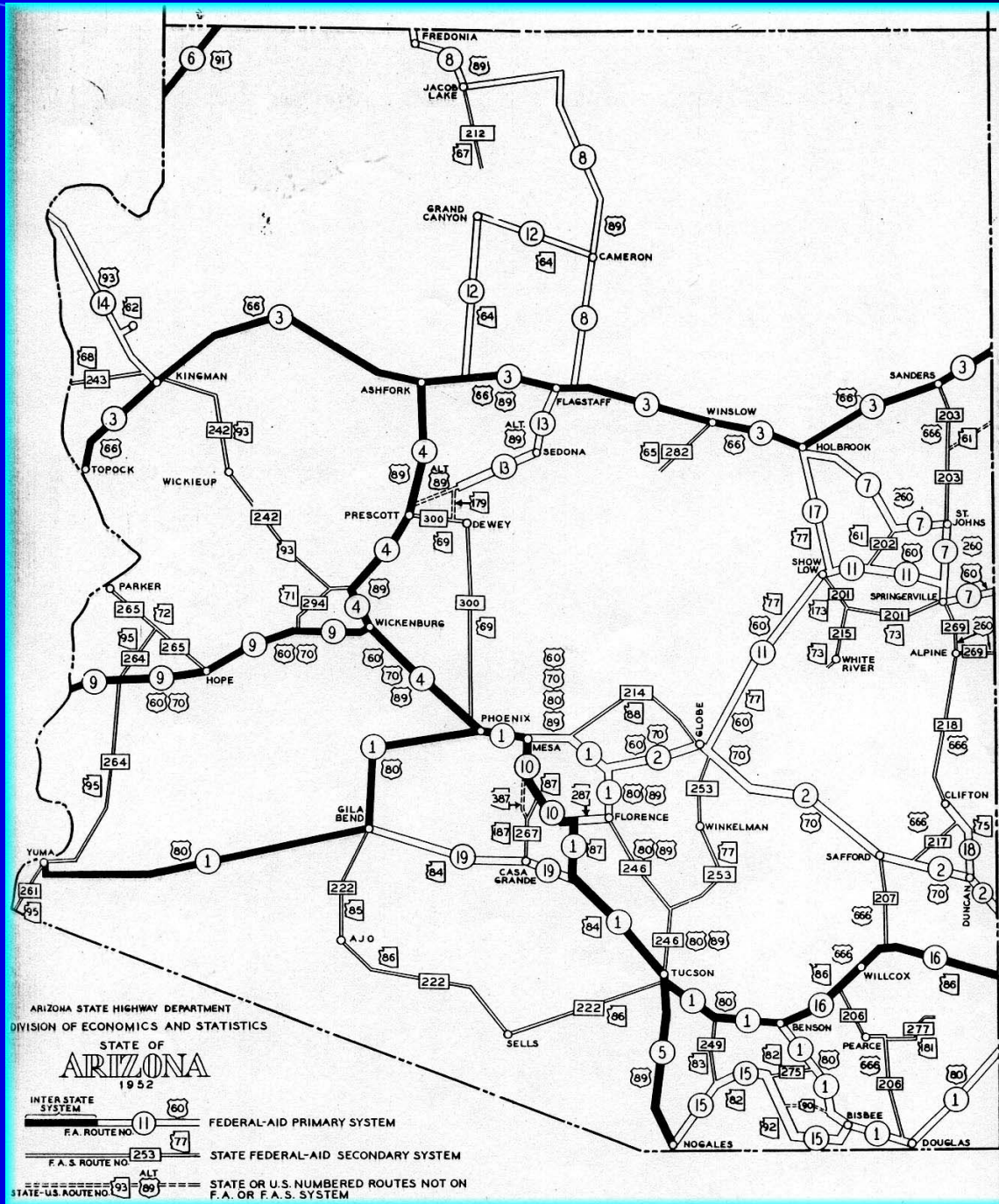


VMT/CC Index and Const. Indices



Arizona Highway Department - Arizona Department of Transportation

Dramatic Growth of the State Highway System from 1950 to 2001



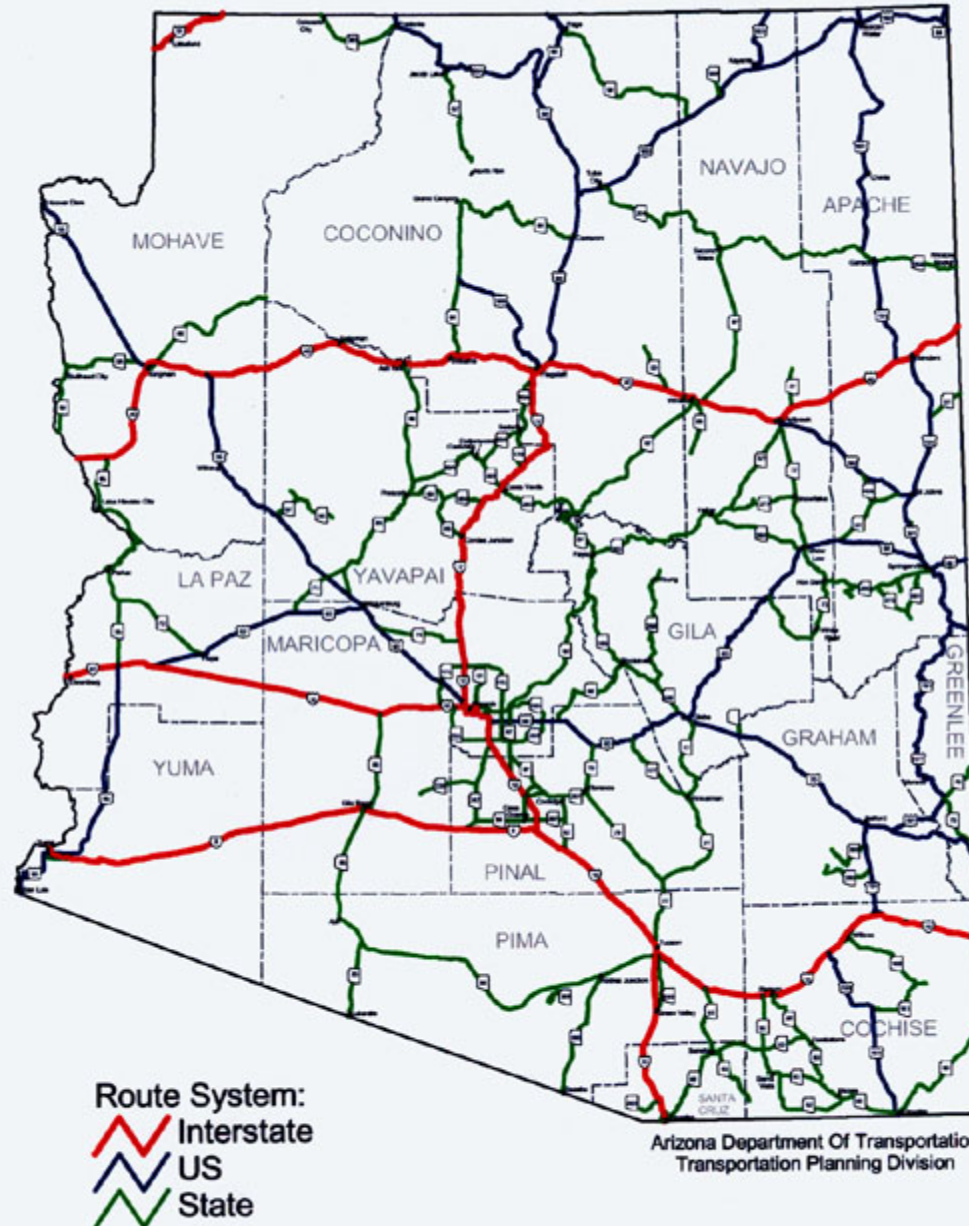
State Highway Mileage

1951 - 3945 Miles

2000 - 6620 Miles



1999 State Highway System



Significant Changes to the State Highway System Since 1950

Paving U.S. 93 from Congress to Kingman

Adding and Paving SR 87 from Mesa to Payson

Adding Current State Highways on Navajo Reservation

Paving All of SR 69 from Phoenix to Prescott

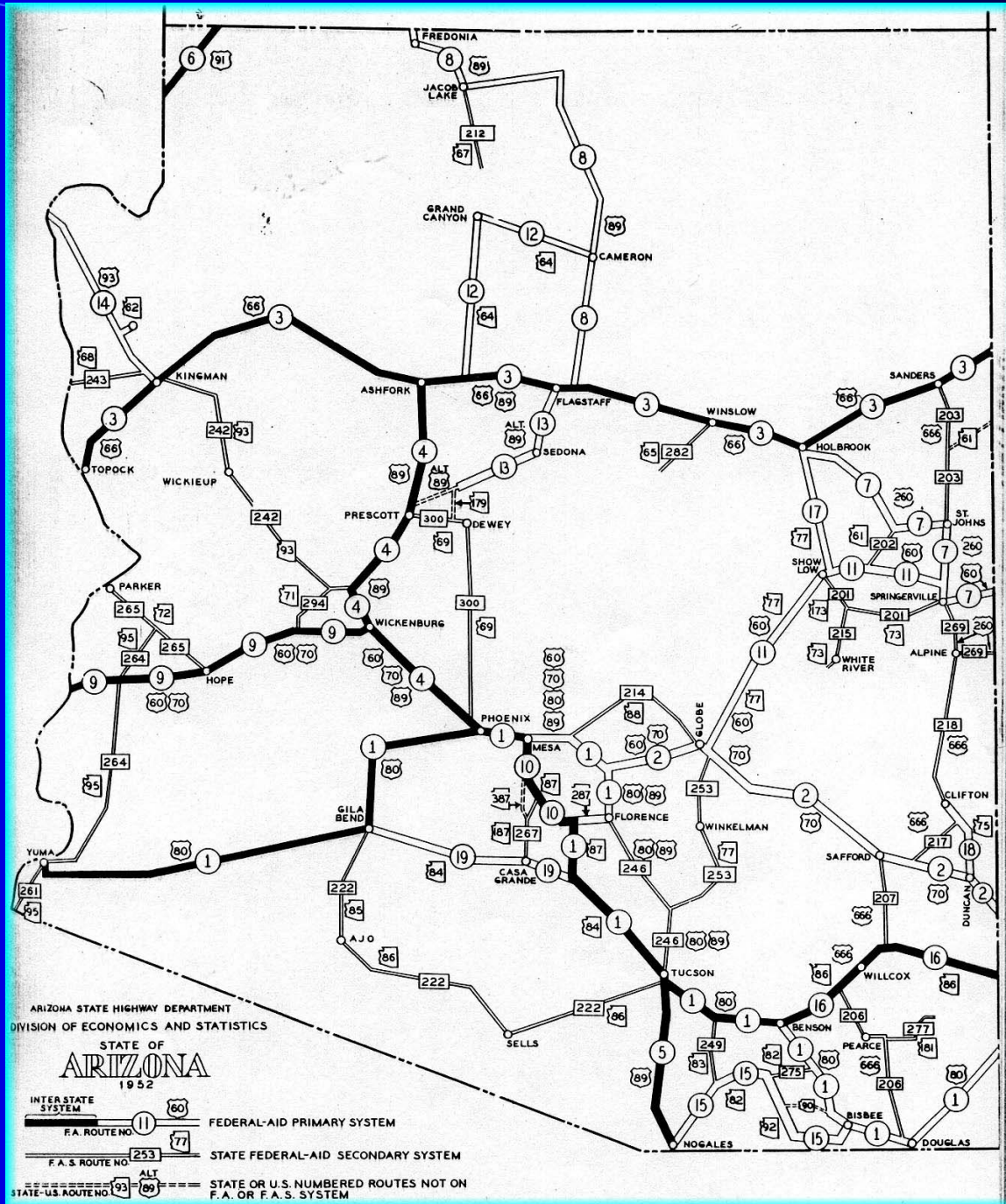
Adding and Paving SR 260 from Payson to Showlow

Constructing SR 95 from Parker to Topock

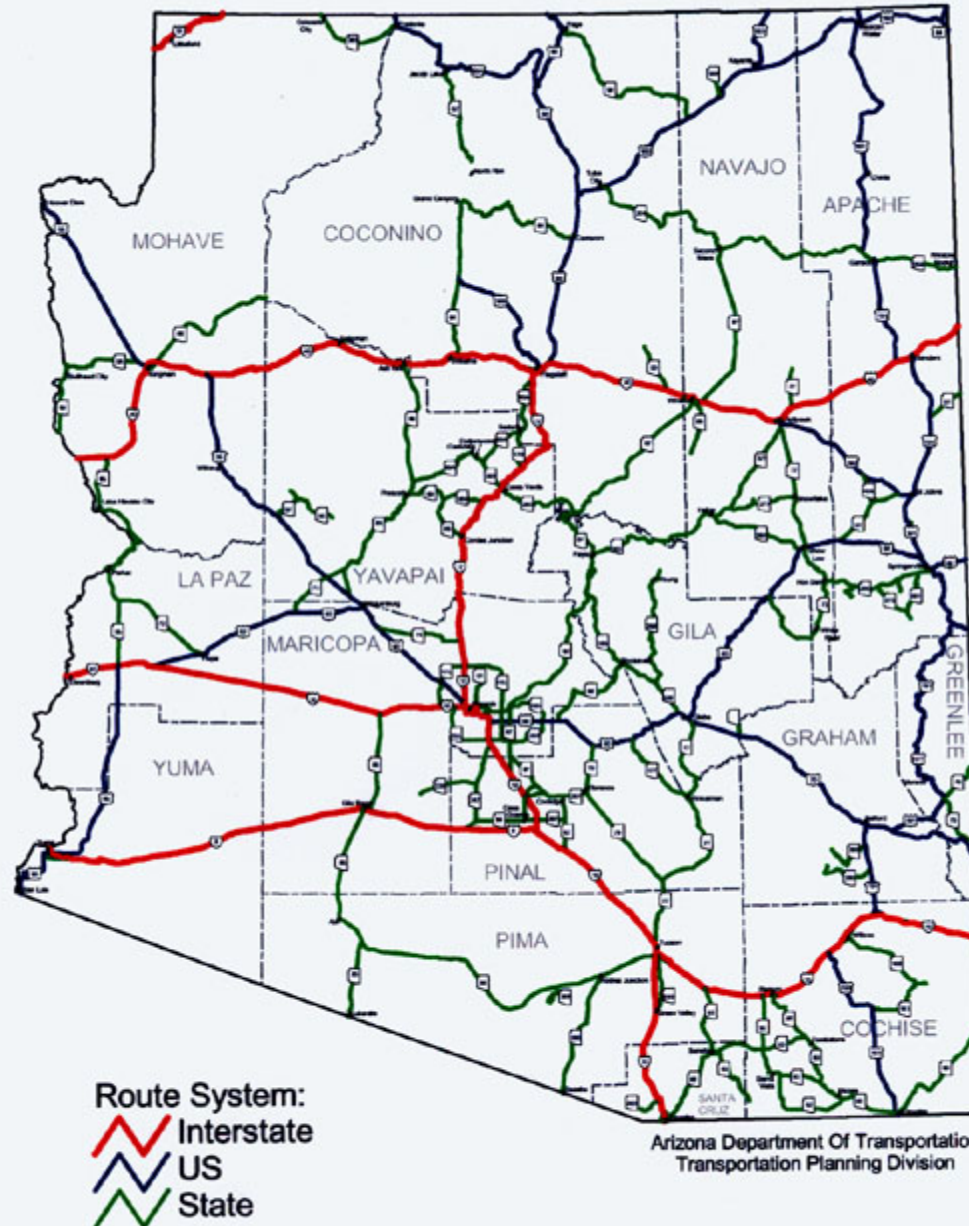
Adding SR 90 from Benson to Sierra Vista

Constructing the Entire Interstate System

Constructing Freeways in Phoenix Metropolitan Area

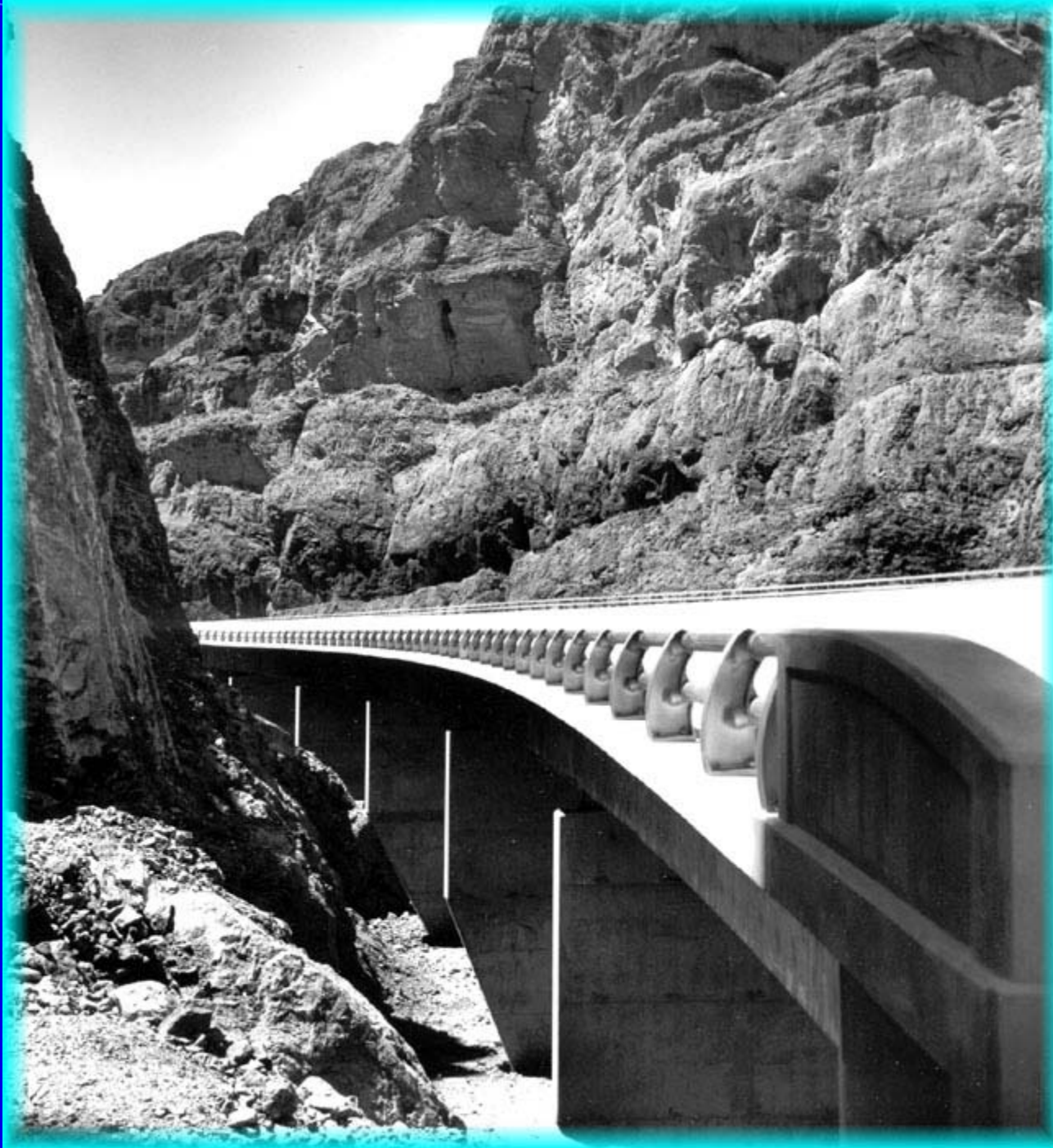


1999 State Highway System

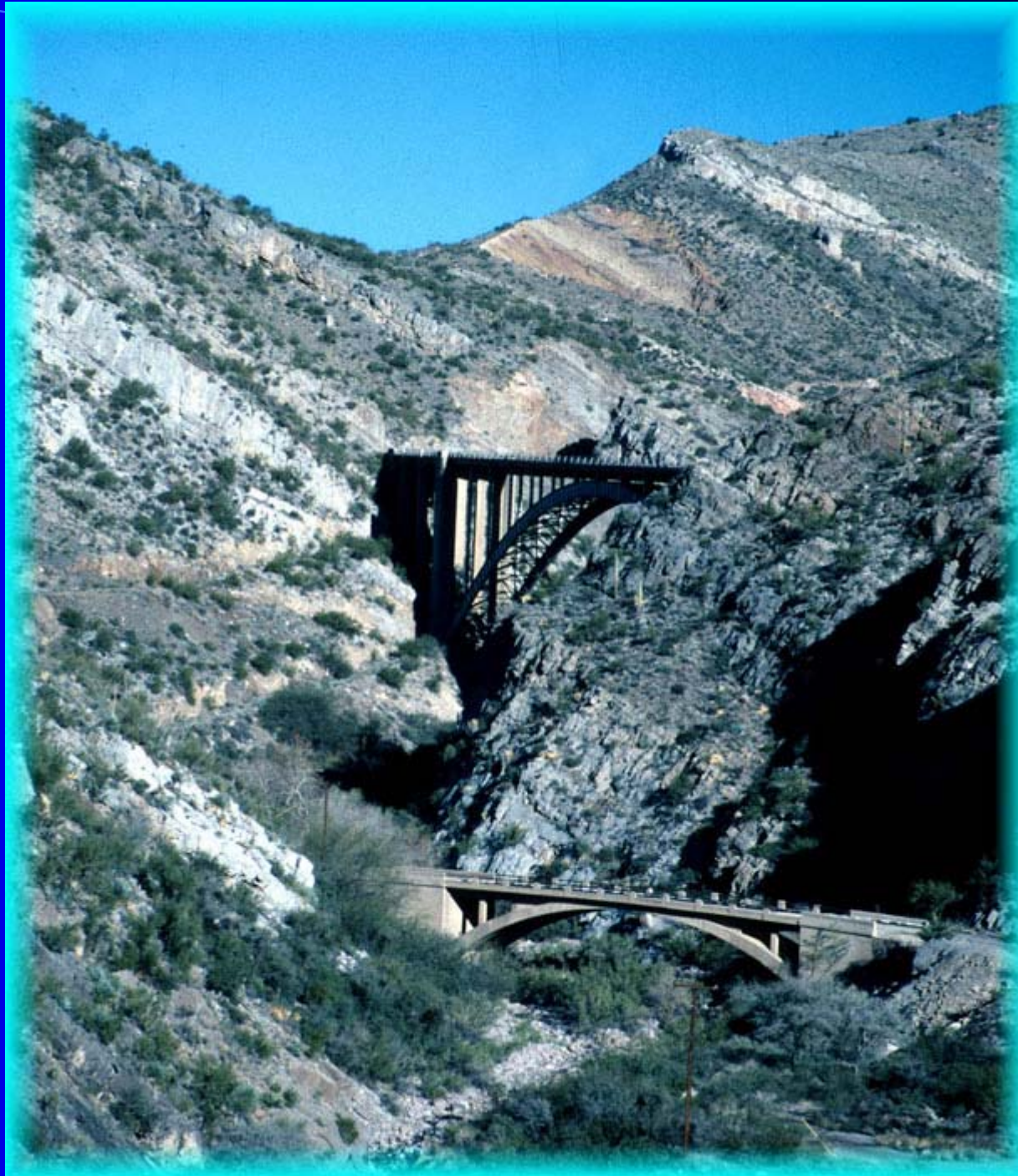




Grand Avenue Inter-change of the Black Canyon Highway









Longest Steel Arch in the World at time of Completion





Burro Creek Bridge - American Institute of Steel Construction – Award For Long Span Bridges (1966)



Roosevelt Bridge

Longest Steel Arch of its type when built

- Arizona Consulting Engineers Association
Award for Technical Excellence
- American Institute Steel Construction -
Prize Bridge Award - For Long Span
Bridges





- ACI Award - Lower Screwtail Bridge - SR 87 Segment E







Navajo Bridge

FHWA 1996 Biennial Awards

- Excellence in Highway Design for
- Major Structures over 10 million dollars
-
- Arizona Consulting Engineers Association
- Technical Excellence - Grand Award
-
- American Public Works Association
- Public Works Project of Year



King Henry the 8th Award



Emphasis on Environmental Program



State Route 87

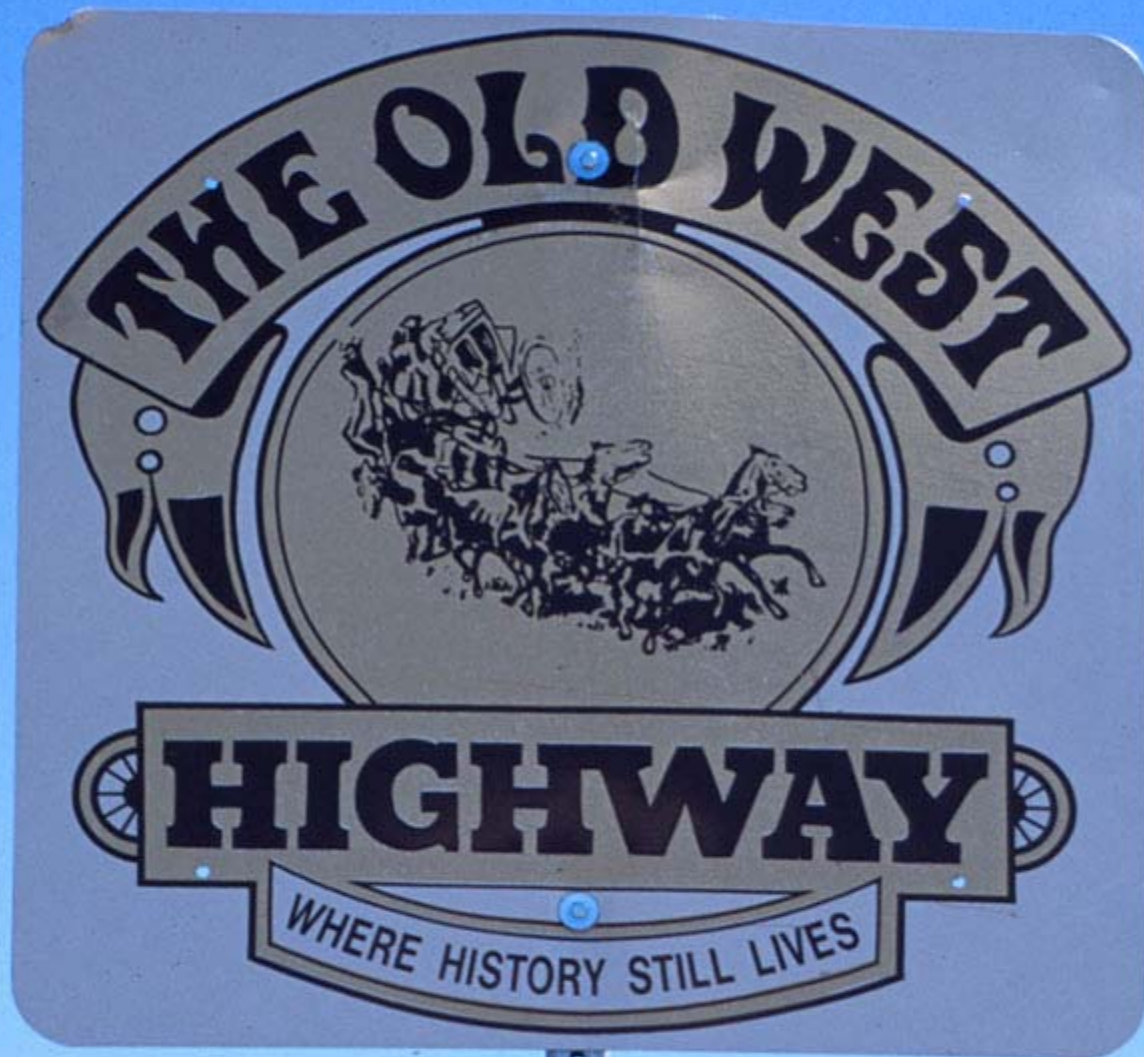






State Route 87

- FHWA Environmental Award for Excellence –
- was presented to ADOT, Forest Service and all the Prime Consultants and Contractors who worked on SR 87 (1999).
-
- Arizona Consulting Engineers Association – Beeline Hwy - McDowell to Shea (1996)







REST AREA STOP

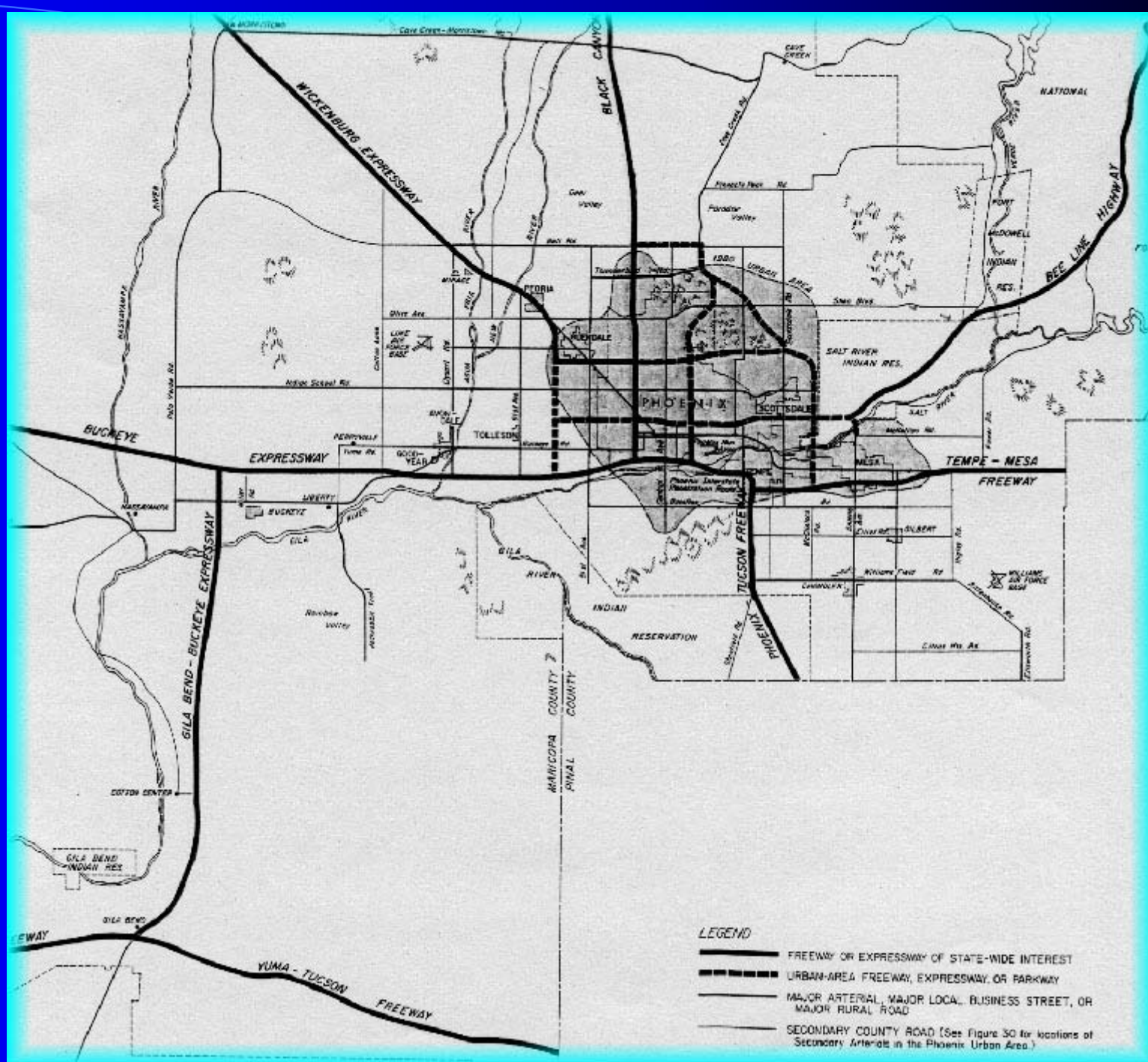


I-40 PAINTED CLIFFS REST AREA - 1994

Arizona Highway Department

Arizona Department of Transportation

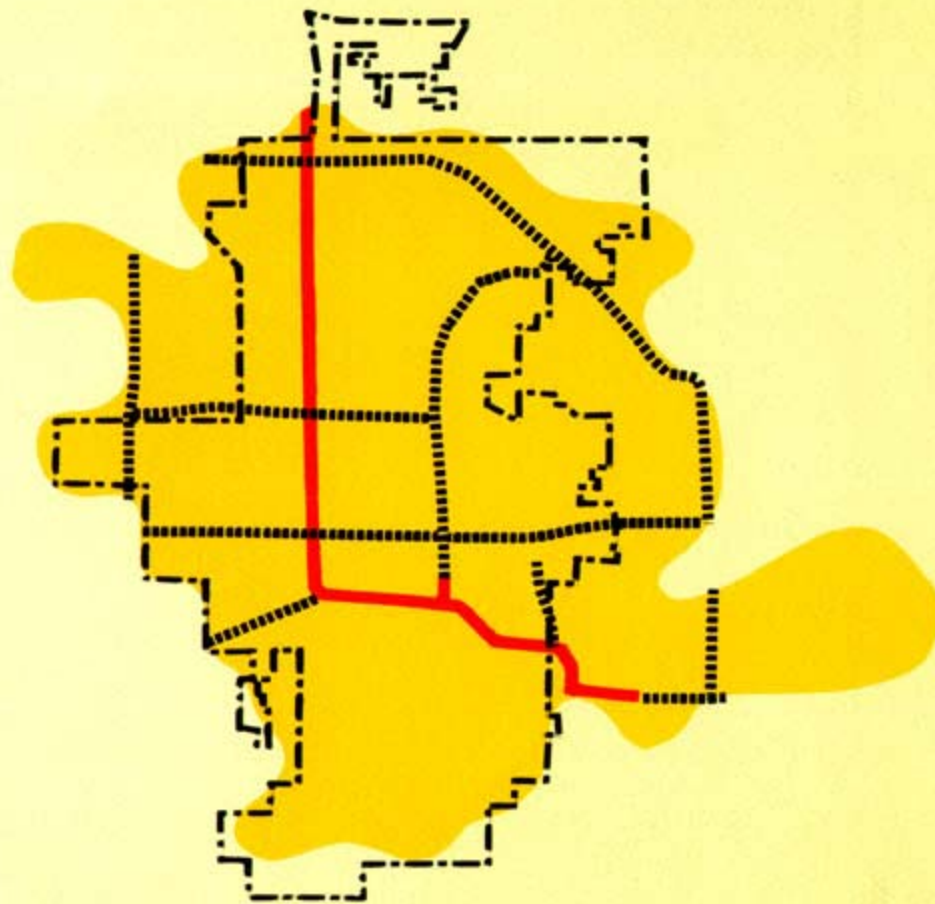
Urban Freeway Systems



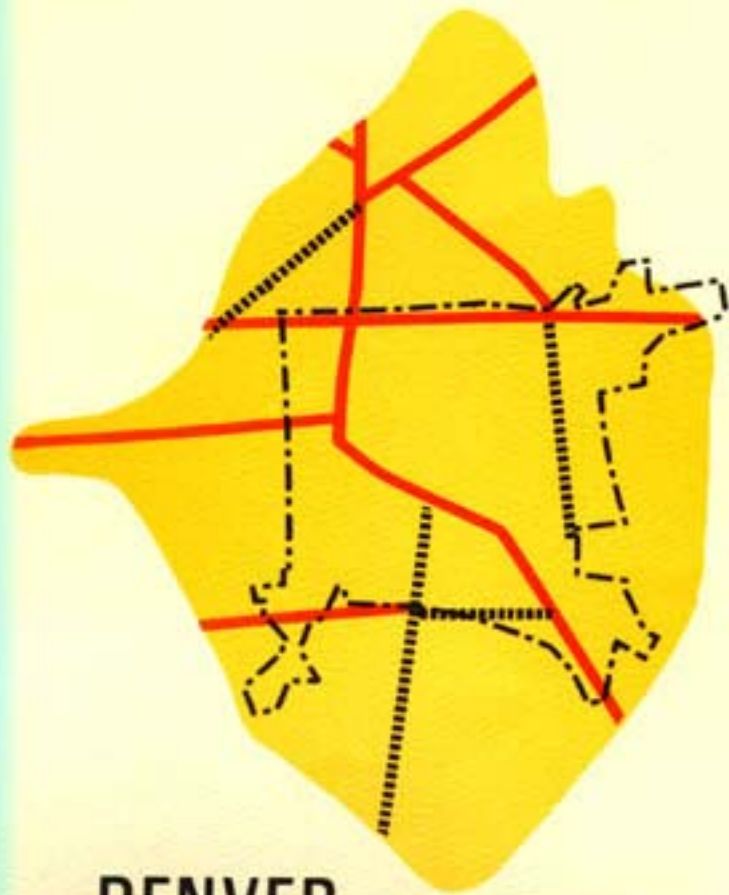


LEGEND

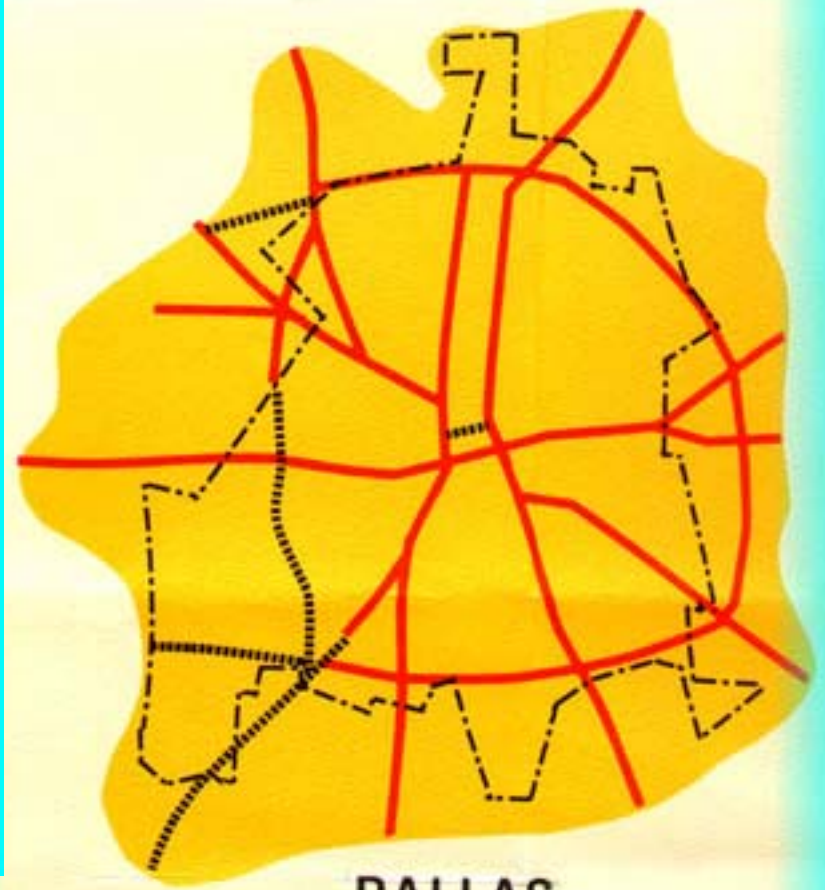
- CENTRAL CITY BOUNDARY
- 1970 URBANIZED AREA
- EXISTING FREEWAYS
- PROPOSED FREEWAYS



PHOENIX



DENVER



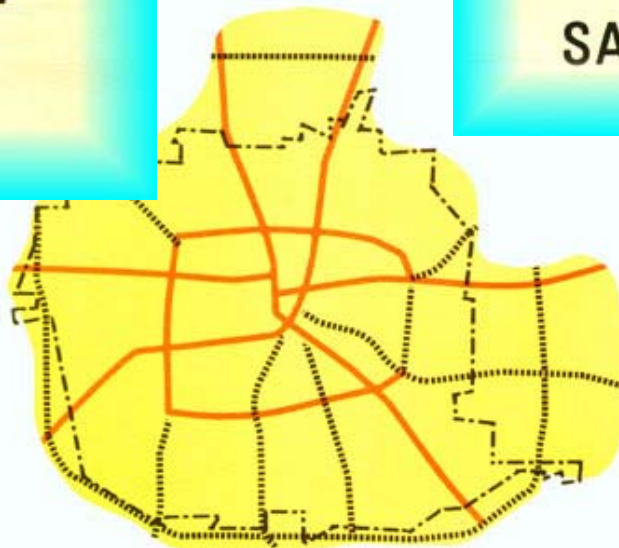
DALLAS



INDIANAPOLIS



SACRAMENTO



HOUSTON



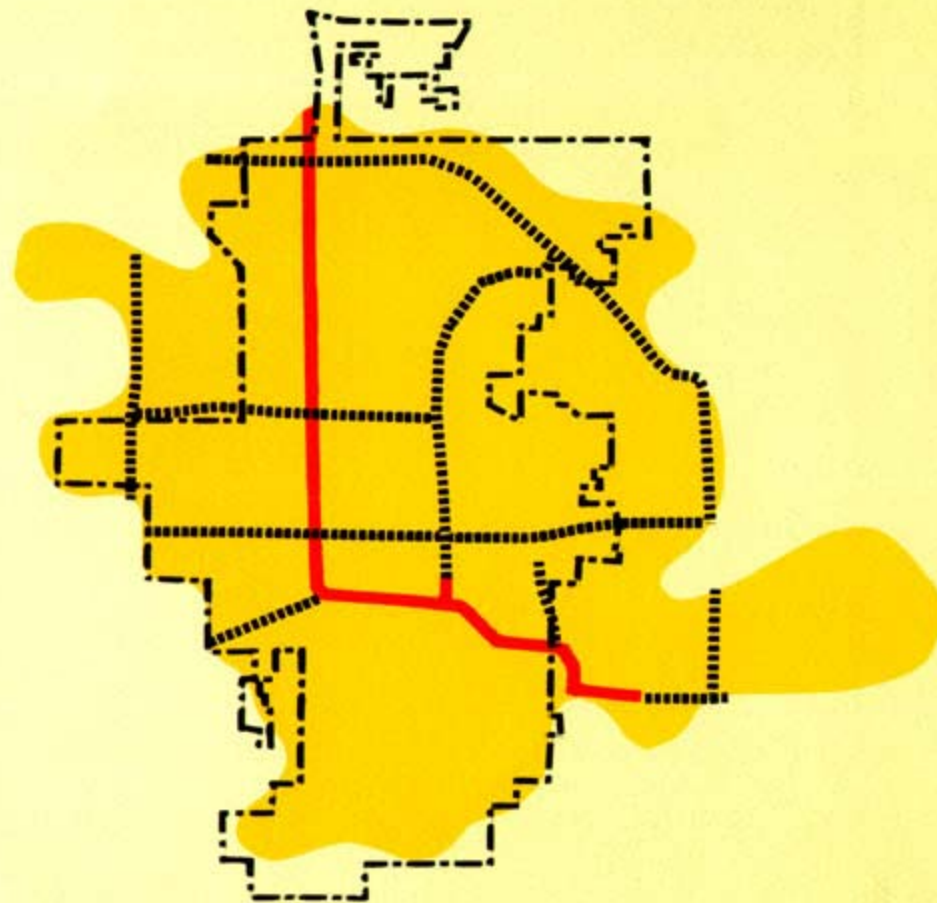
SAN ANTONIO



SAN DIEGO

LEGEND

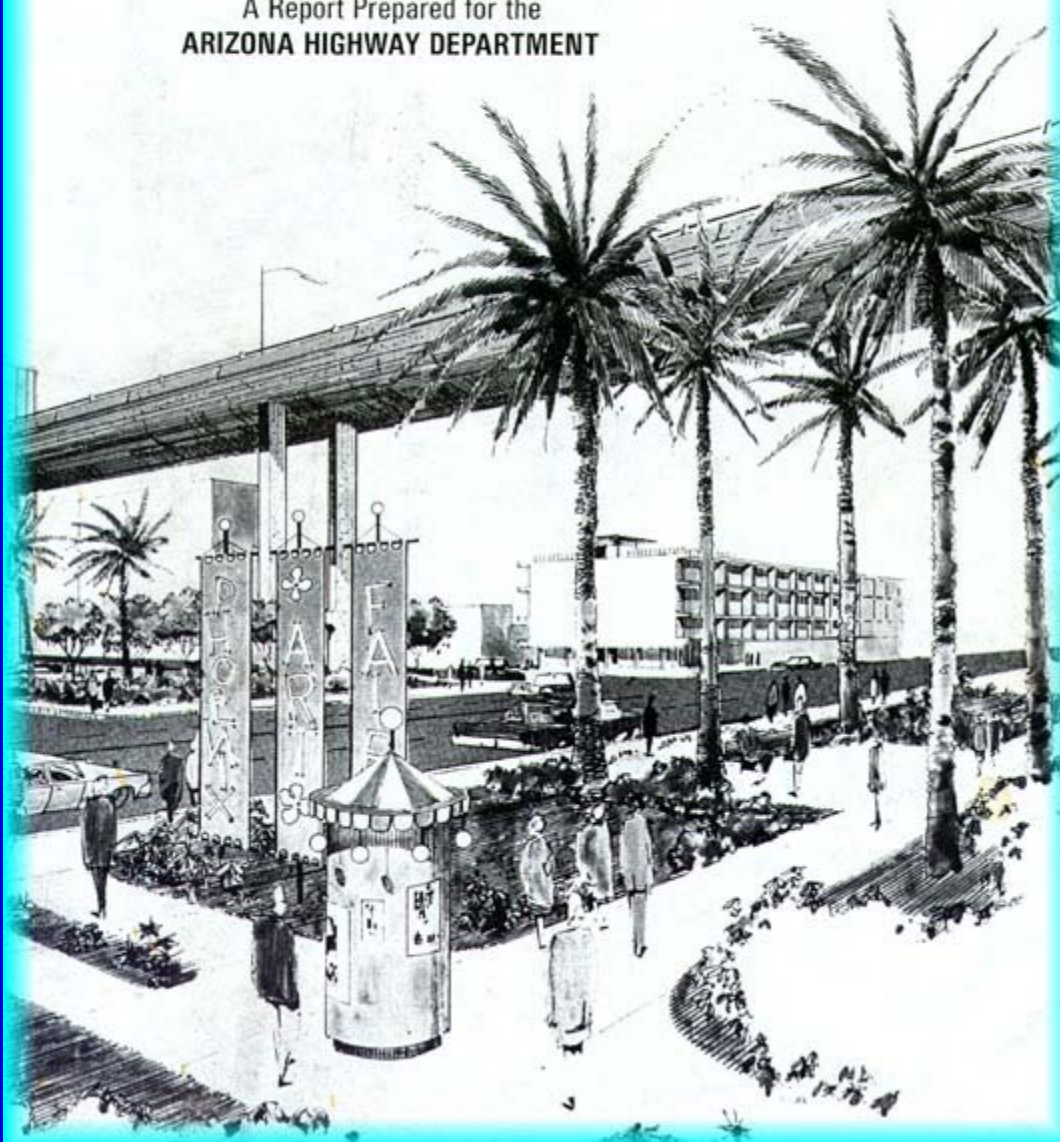
- CENTRAL CITY BOUNDARY
- 1970 URBANIZED AREA
- EXISTING FREEWAYS
- PROPOSED FREEWAYS

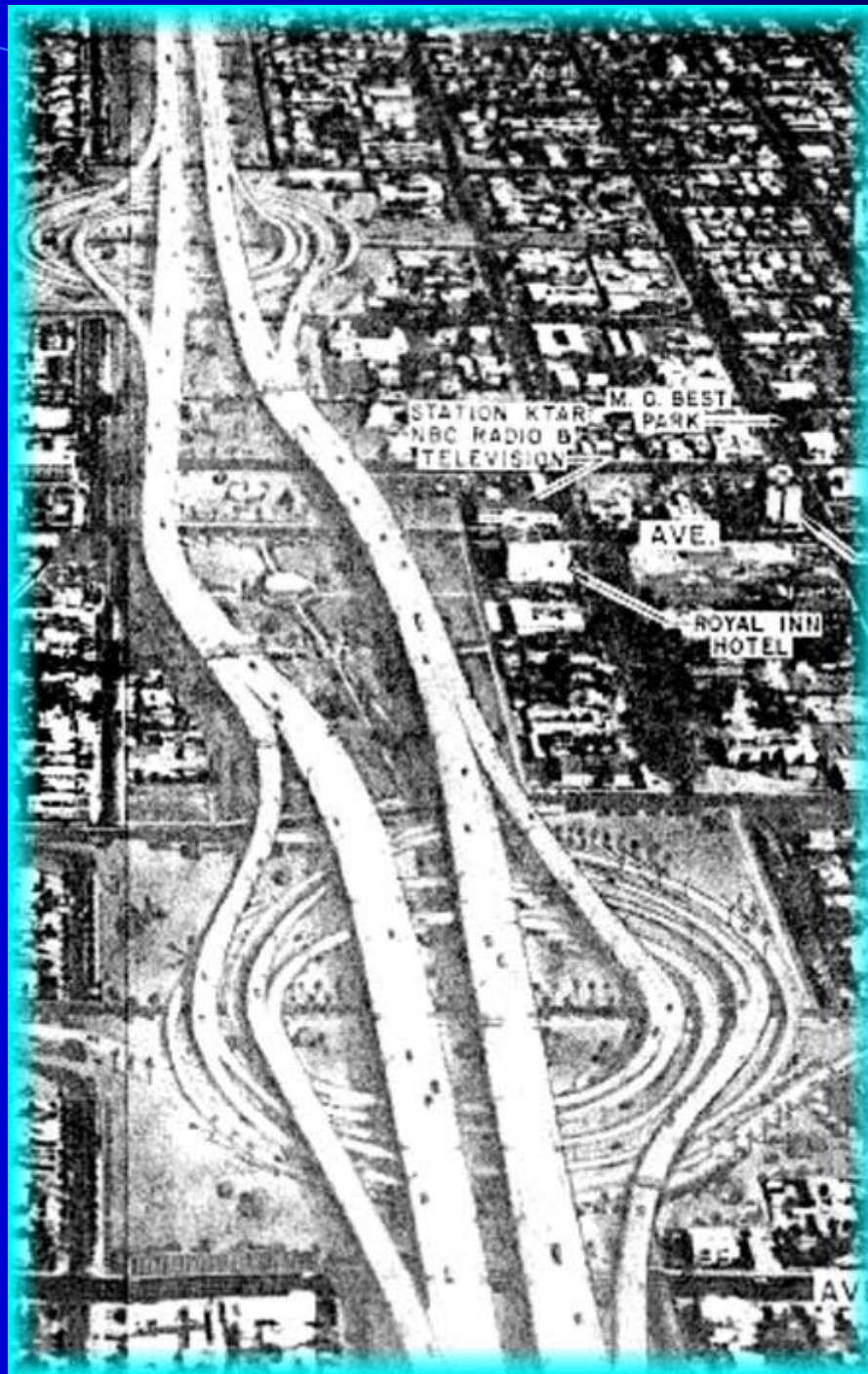


PHOENIX

THE PAPAGO FREEWAY

A Report Prepared for the
ARIZONA HIGHWAY DEPARTMENT





THE PAPAGO FREEWAY
JOHANNESSEN & GIRARD



Papago Votes

1973

1975

1978



Richard H. Hays







FHWA Award from the Office of Environment & Planning for Environmental Mitigation Measures

I-10 Papago Freeway - 1991

“Most exhaustive and comprehensive
environmental mitigation program for an
Interstate Highway in a major urban area.”

I-10 Papago Freeway

- FHWA in partnership with Valley Forward – Presidents Award for Environmental Excellence Award Program – and the Crescordia Award for Environmental Excellence
- American Concrete Institute - Award for Outstanding Engineer Project
- 7th Street UP - 1987 Post Tensioning Institute Award of Excellence
- Papago Deck Park Tunnel – ACI Award
- 7th Street & 7th Avenue - American Concrete Institute Excellence in Concrete Award for Transportation Infrastructure







Regional Freeway System

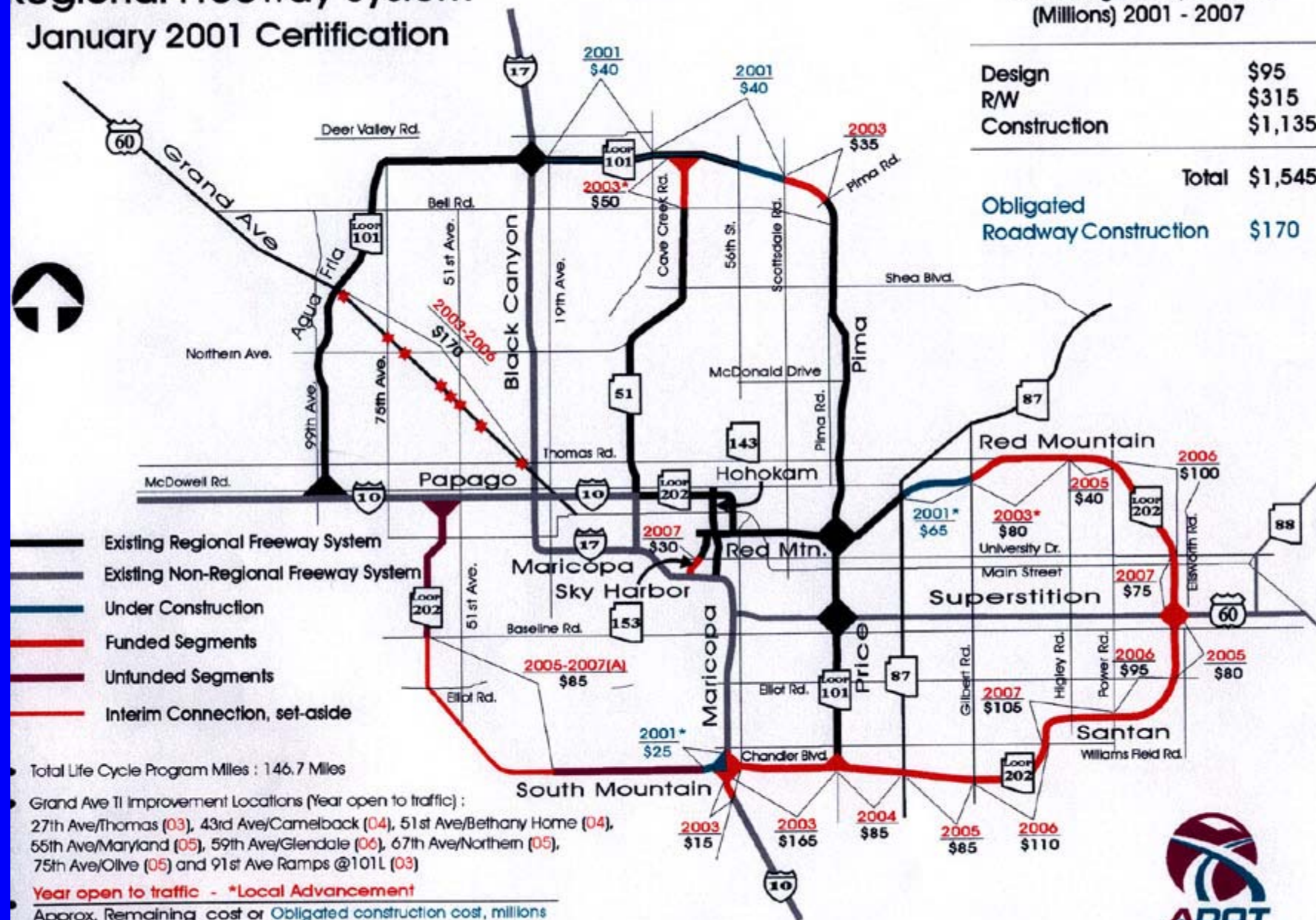
January 2001 Certification

Remaining Life Cycle Cost
(Millions) 2001 - 2007

Design	\$95
R/W	\$315
Construction	\$1,135

Total \$1,545

Obligated
Roadway Construction \$170







The Bad Times





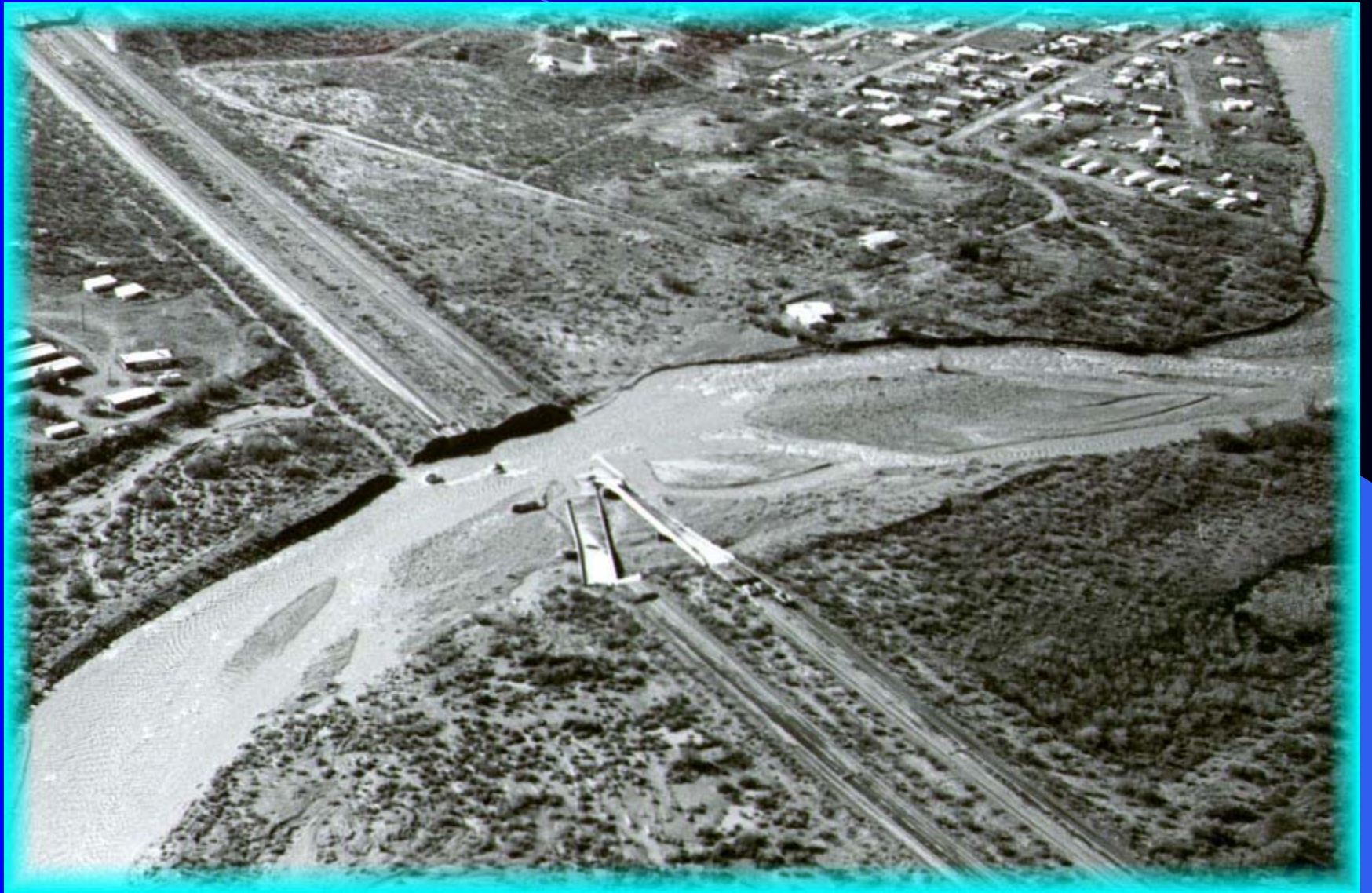
SIX MILE VILLAGE
3 MILES

MALFUNCTION JUNCTION













The background is a solid blue color. A thin, light blue curved line starts from the top left and arcs towards the right. A darker blue triangular shape is positioned on the right side, pointing towards the center.

Booz Allen Management Study

Priority Programming

5 Year Construction Budget

Transition

Arizona Highway Department

to

Arizona Department of Transportation



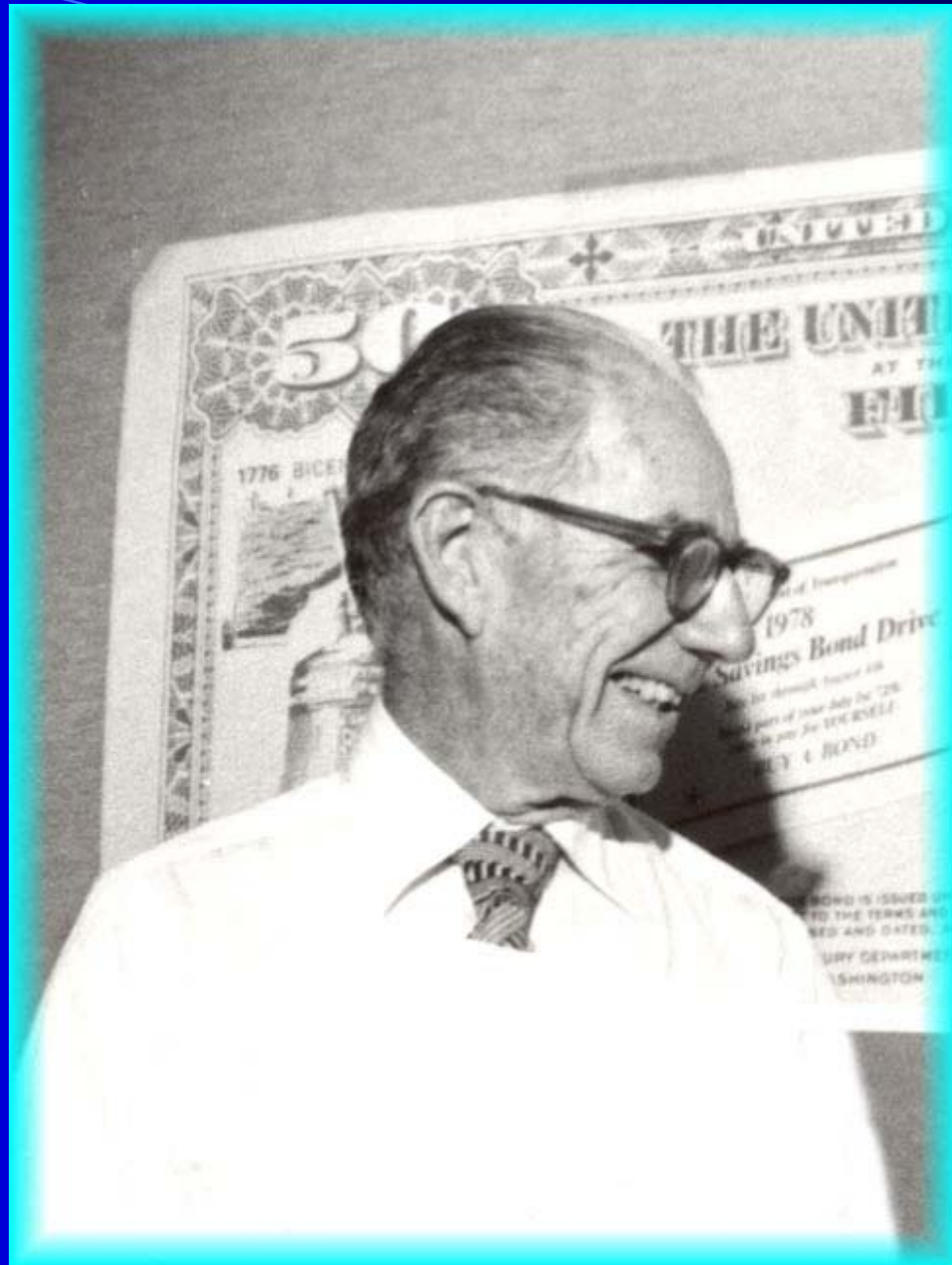
New Divisions

- Highways Division
- Planning
- Administrative Services
- Motor Vehicles
- Aeronautics
- Transit

Increased National Involvement

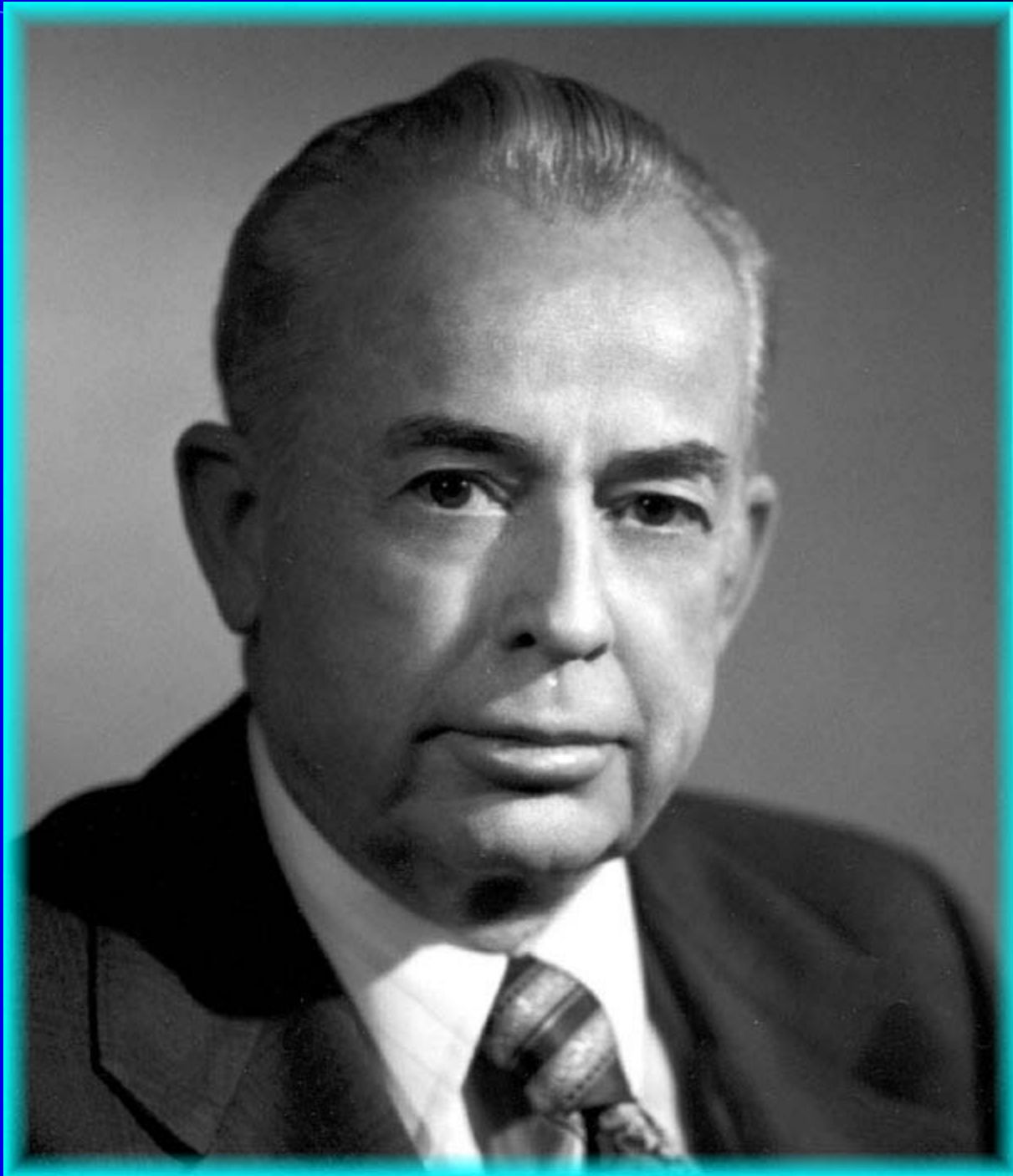
The background is a solid blue color. A thin white arc starts from the top left and curves towards the top right. A blue wedge shape is located on the right side, pointing towards the center of the image.

The People

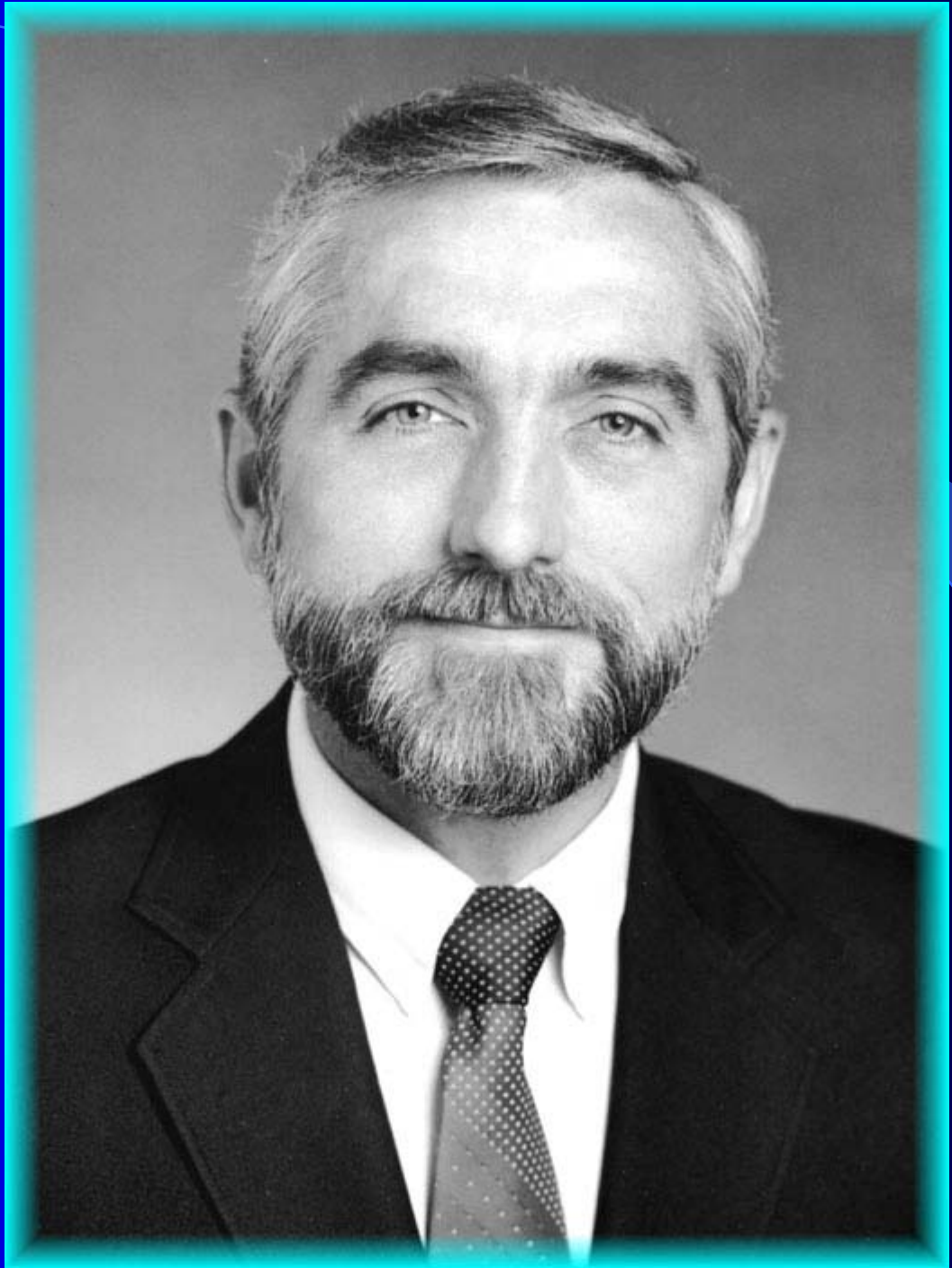


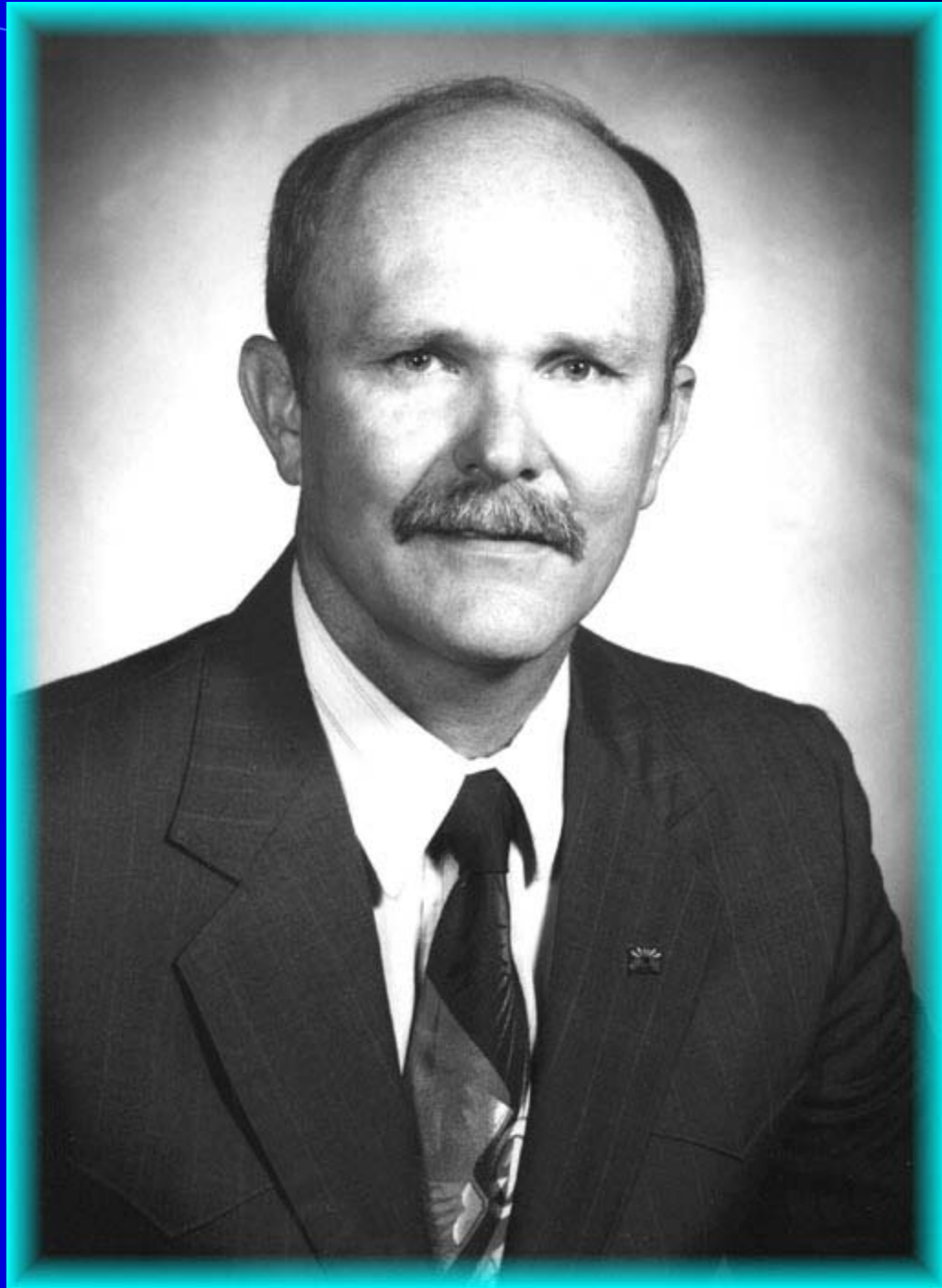


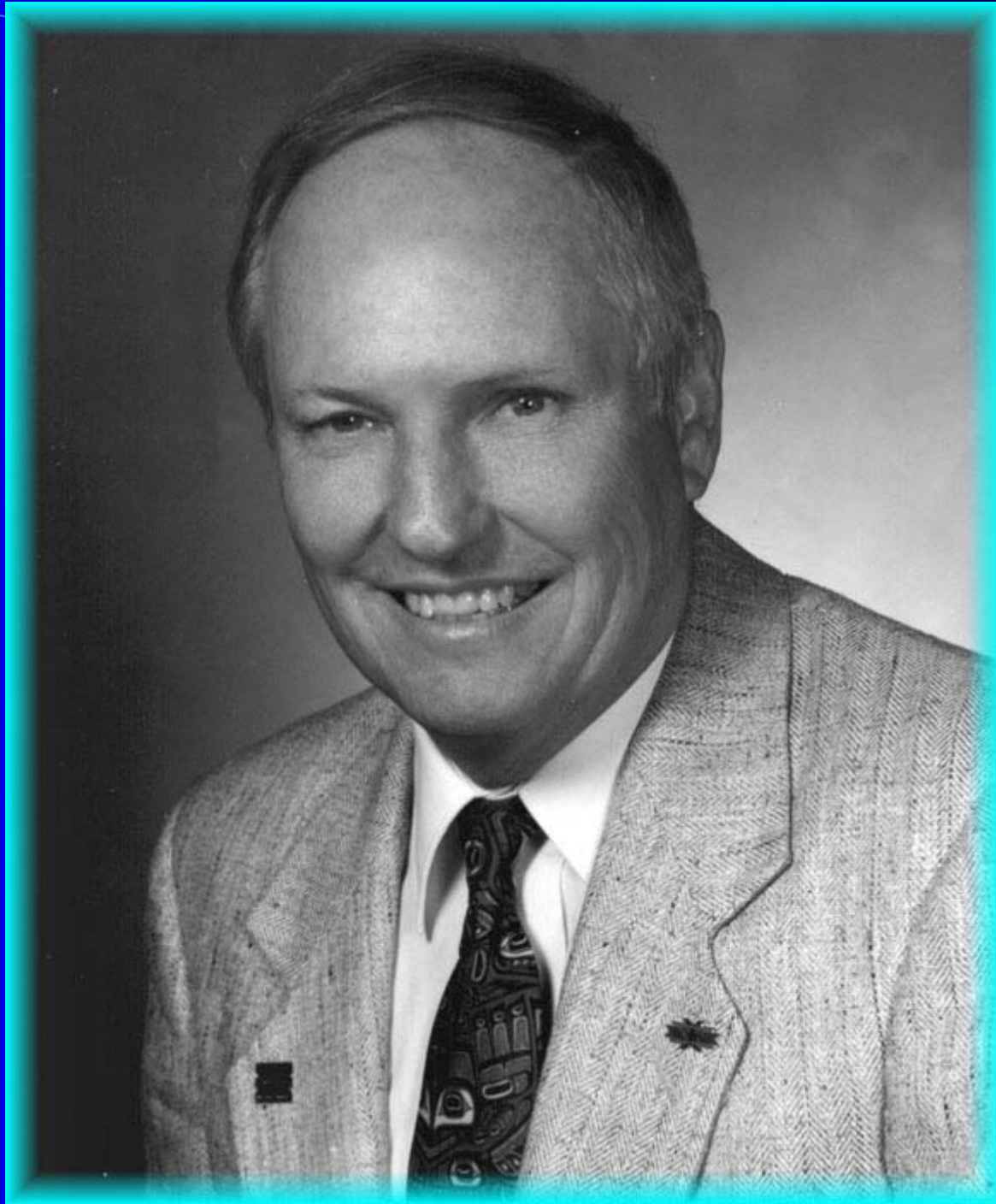






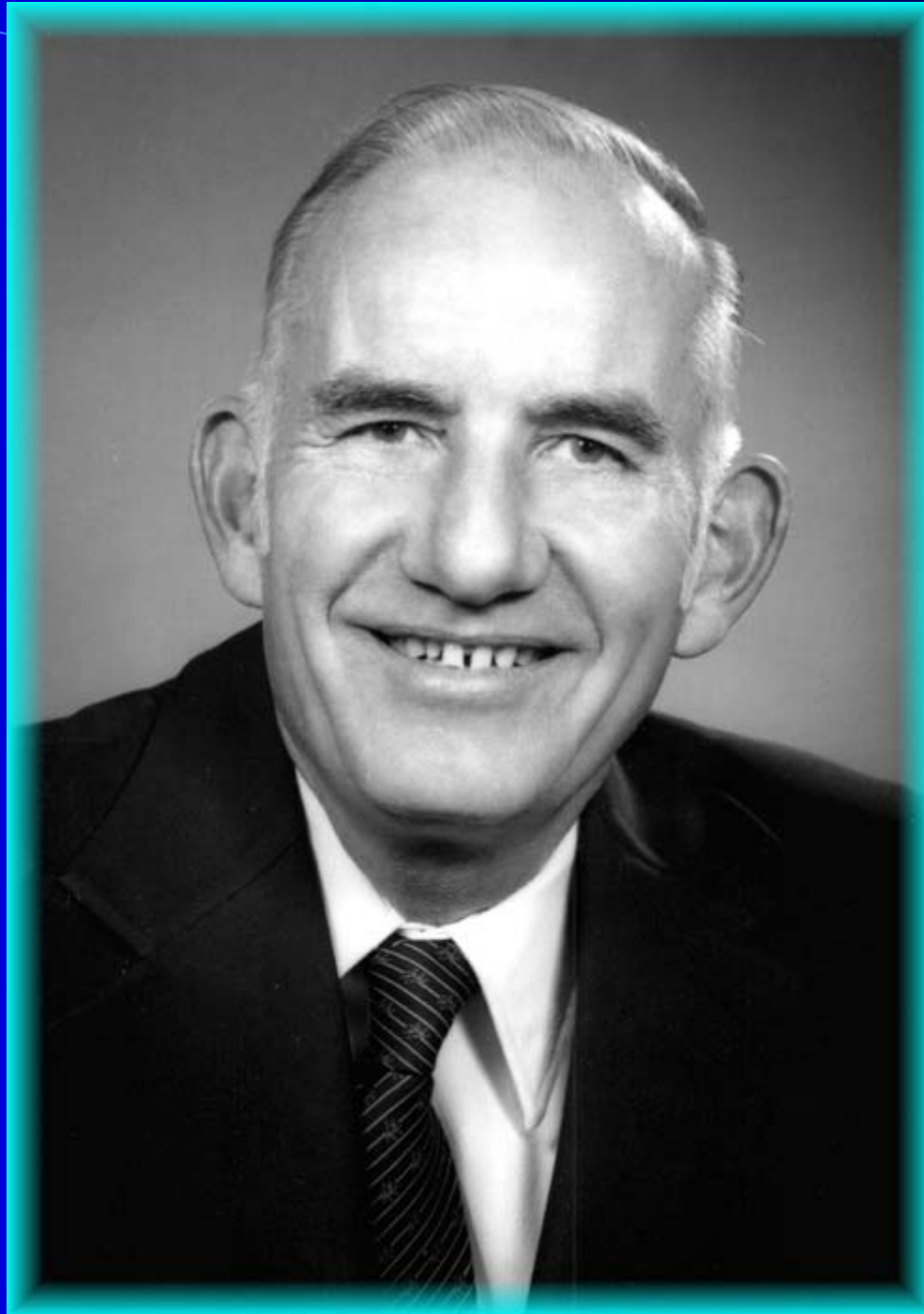


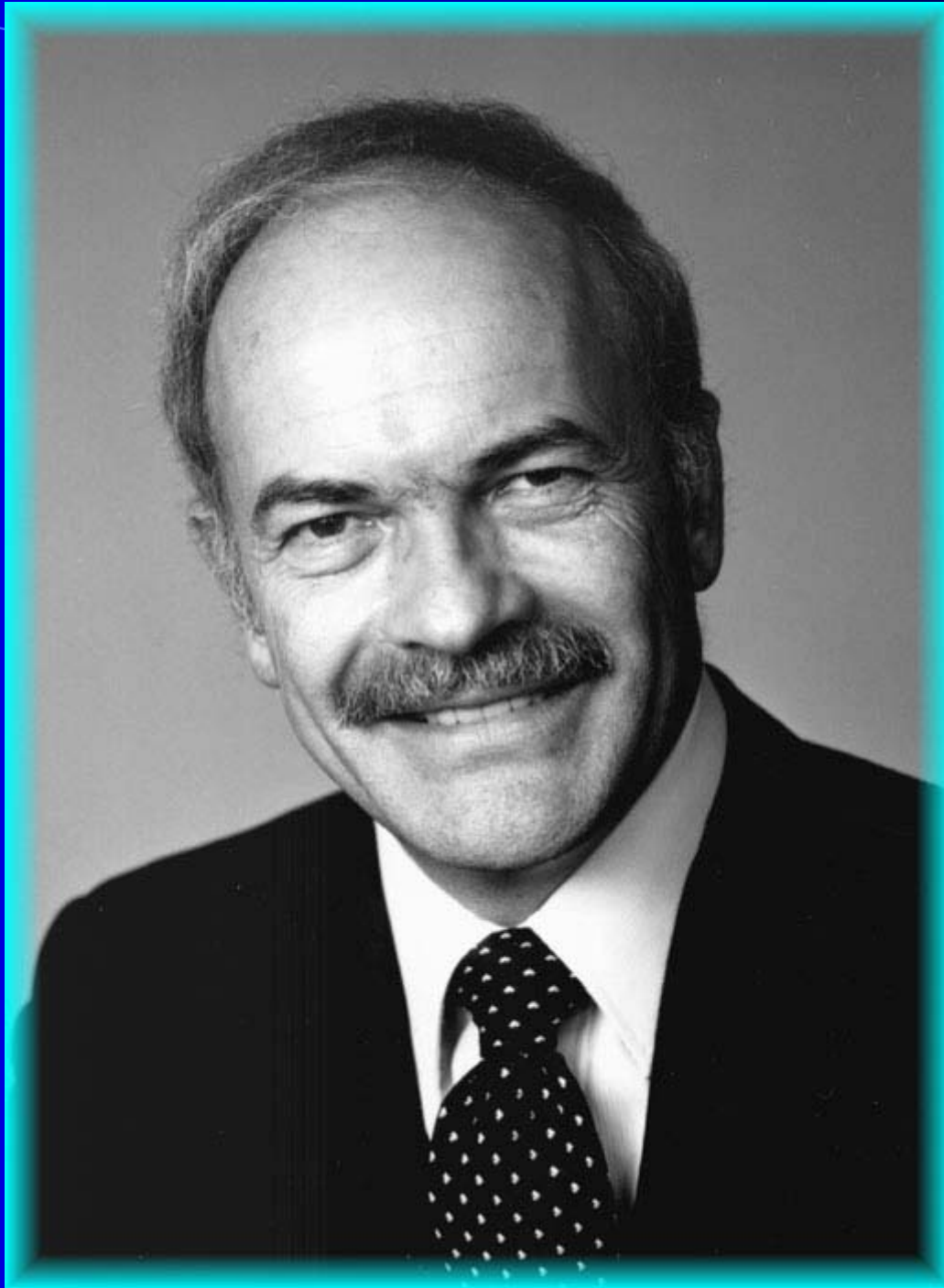




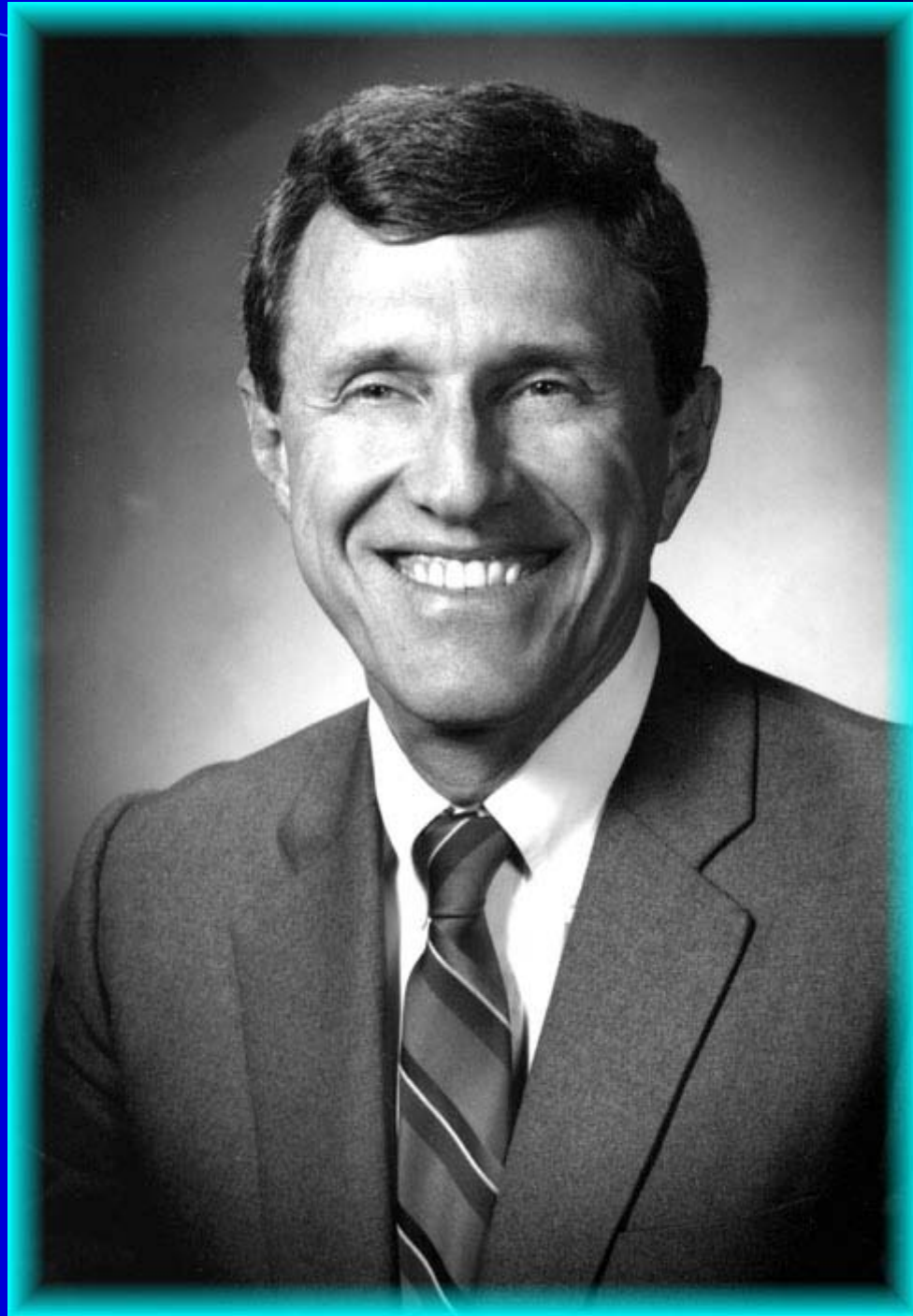


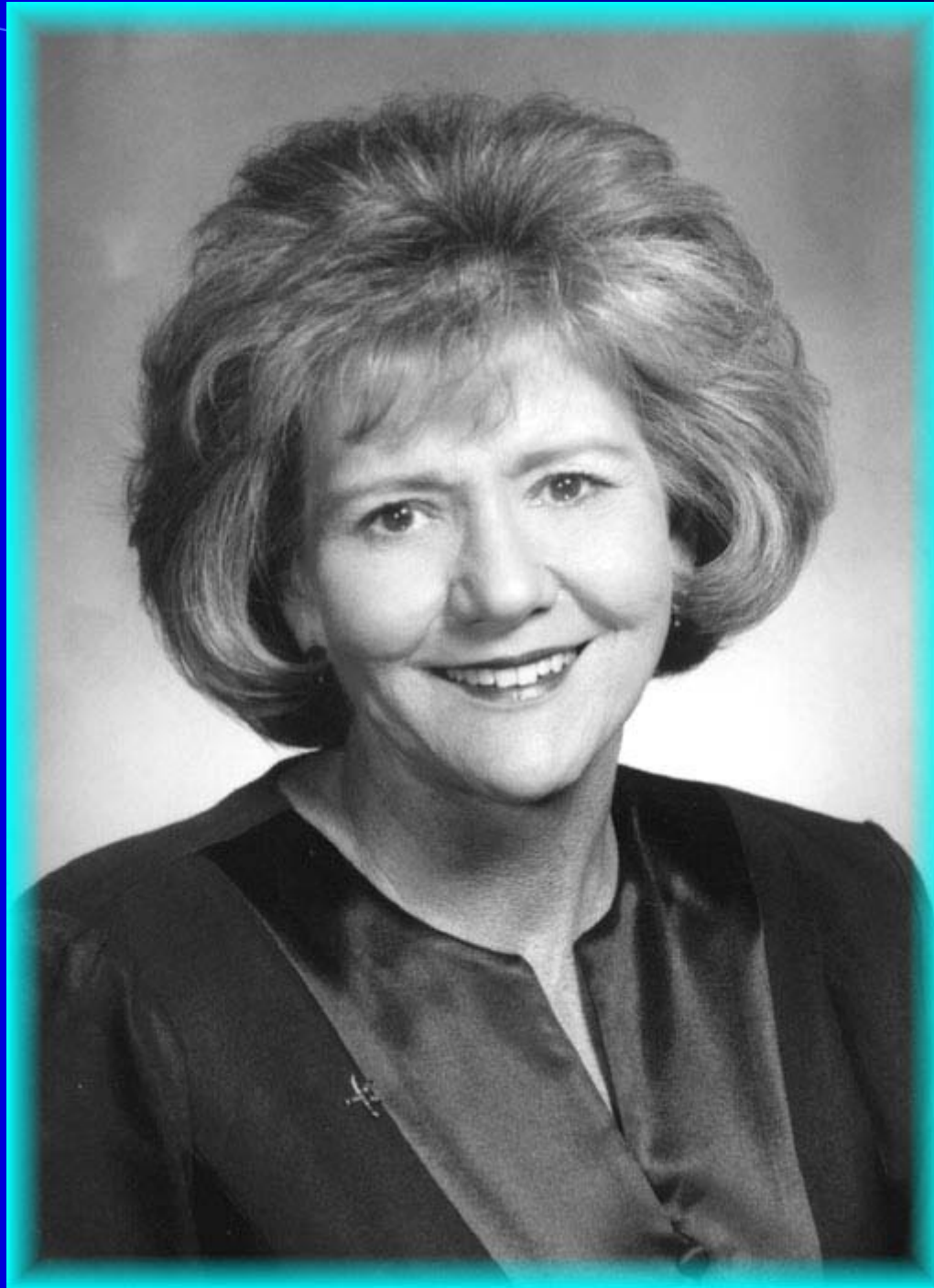












*The Department has
continued to change
over the years*

- Changes in Divisions
- Better estimating of construction budgets
- More emphasis on controlling costs
- Commitment to Quality

Vision 21

The image features the text "Vision 21" in a large, bold, 3D sans-serif font. The letters are white with a fine, diagonal hatching texture. They are set against a solid blue background. A thin, light blue curved line arcs across the upper portion of the image, starting from the left and ending on the right. The 3D effect is emphasized by dark blue and black shadows cast beneath and to the right of each letter, suggesting a light source from the upper left.





